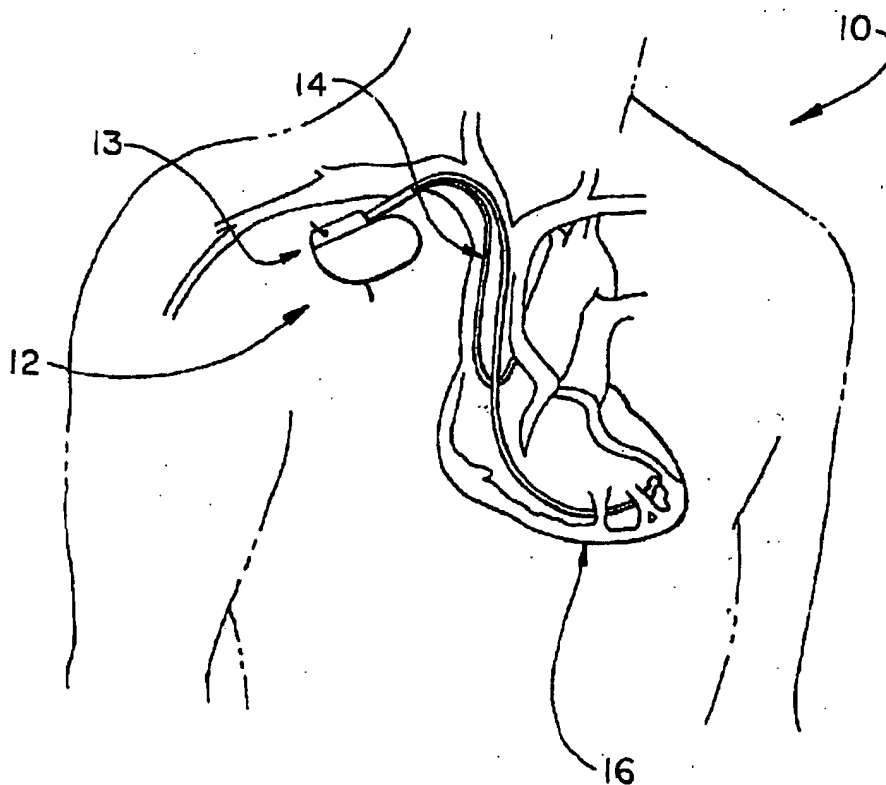


Fig. 1



206720 285200

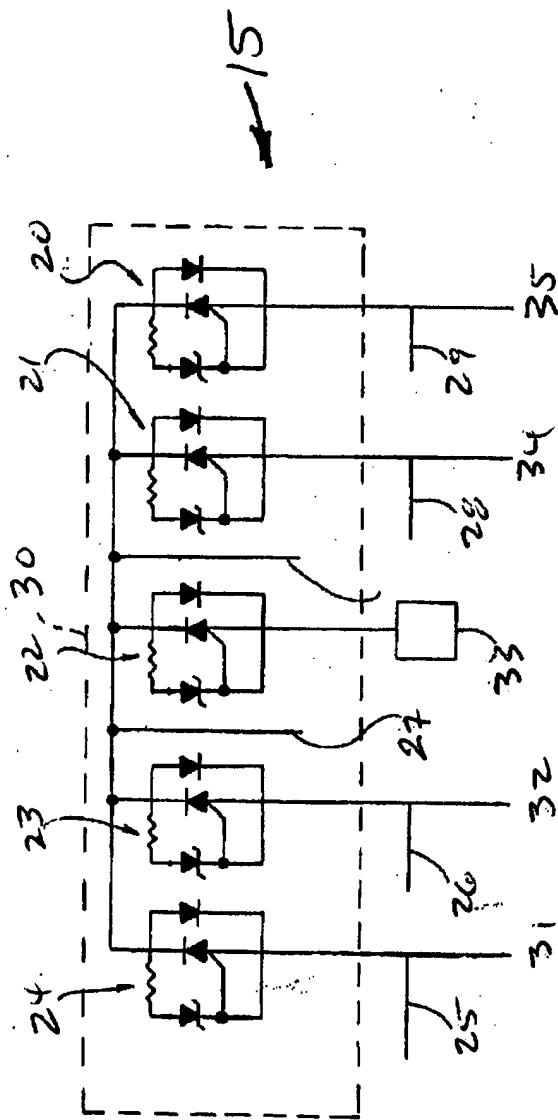


Fig. 2

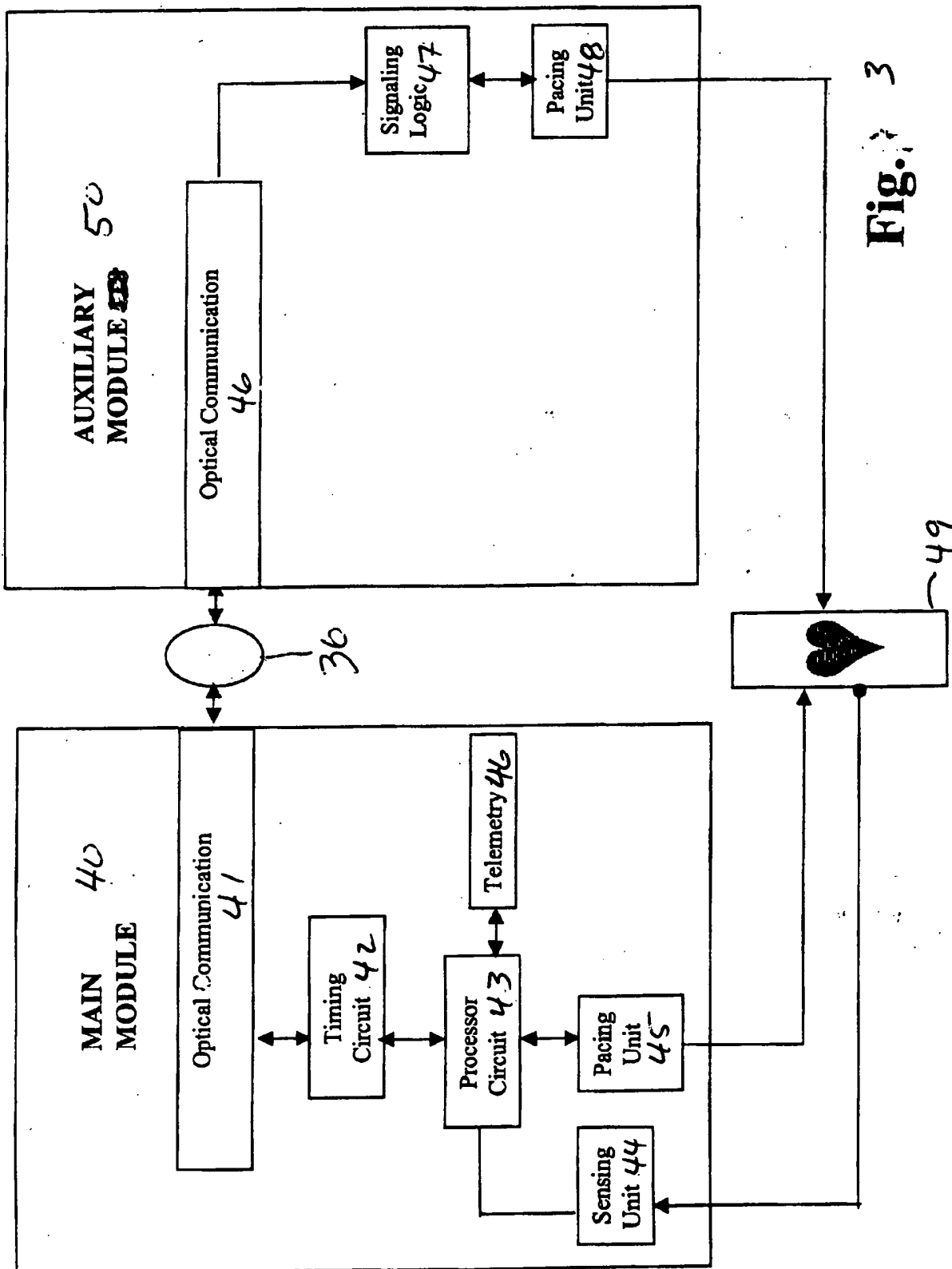


Fig. 3

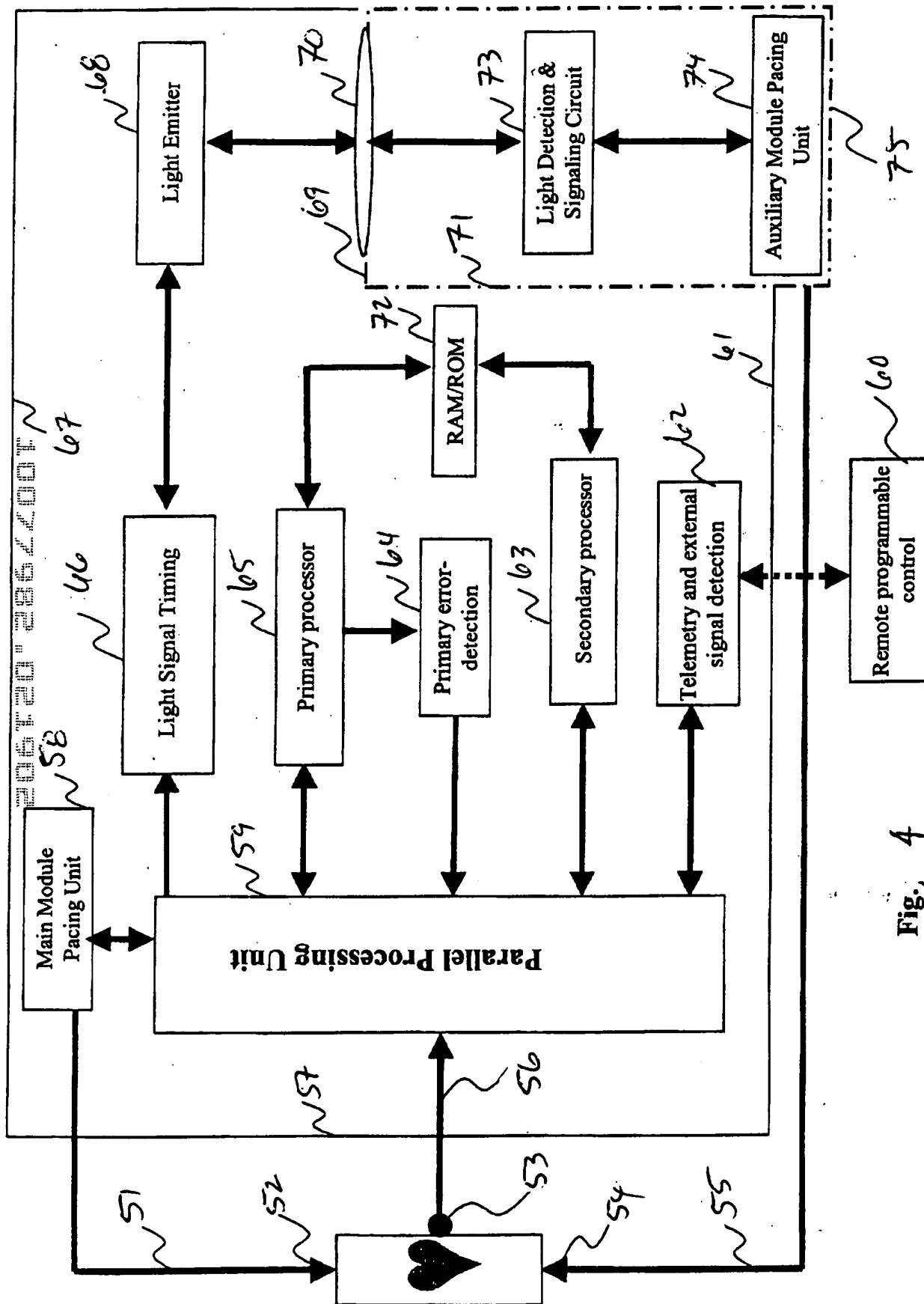


Fig. 4

570

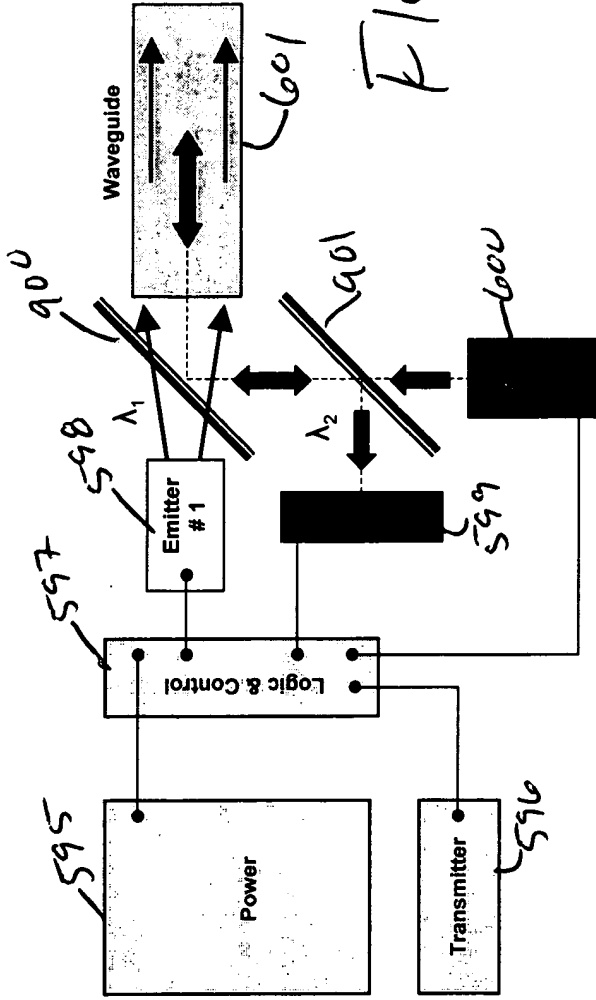


FIG 5

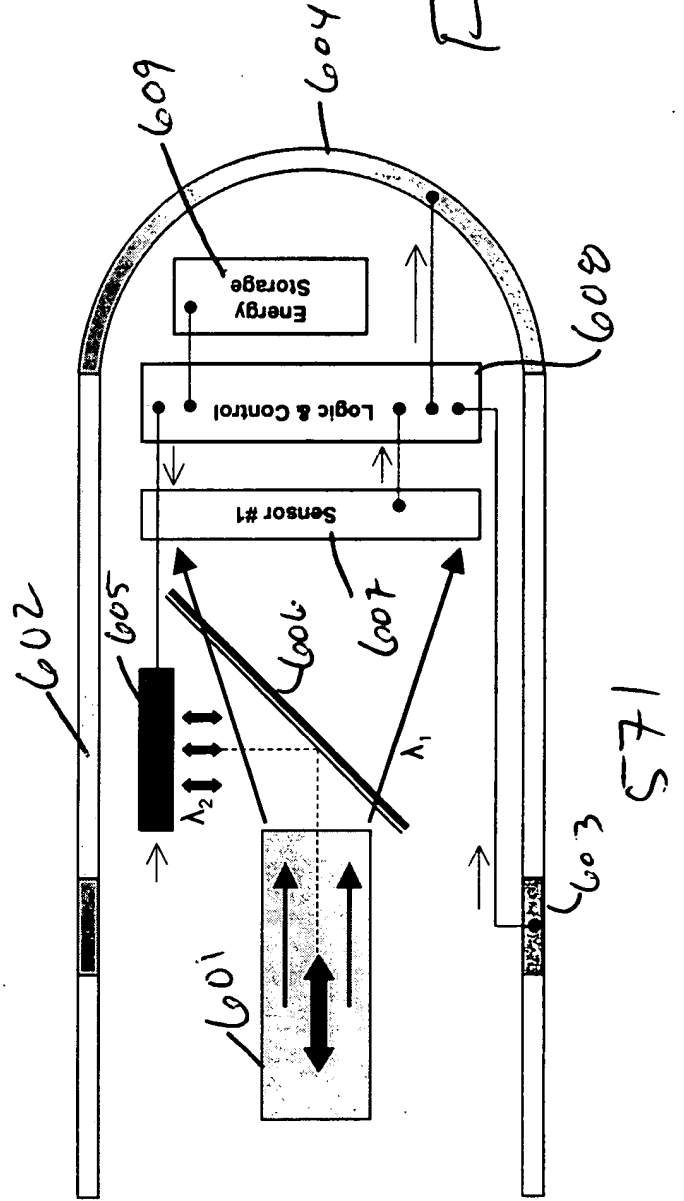


FIG 6

FIG 7

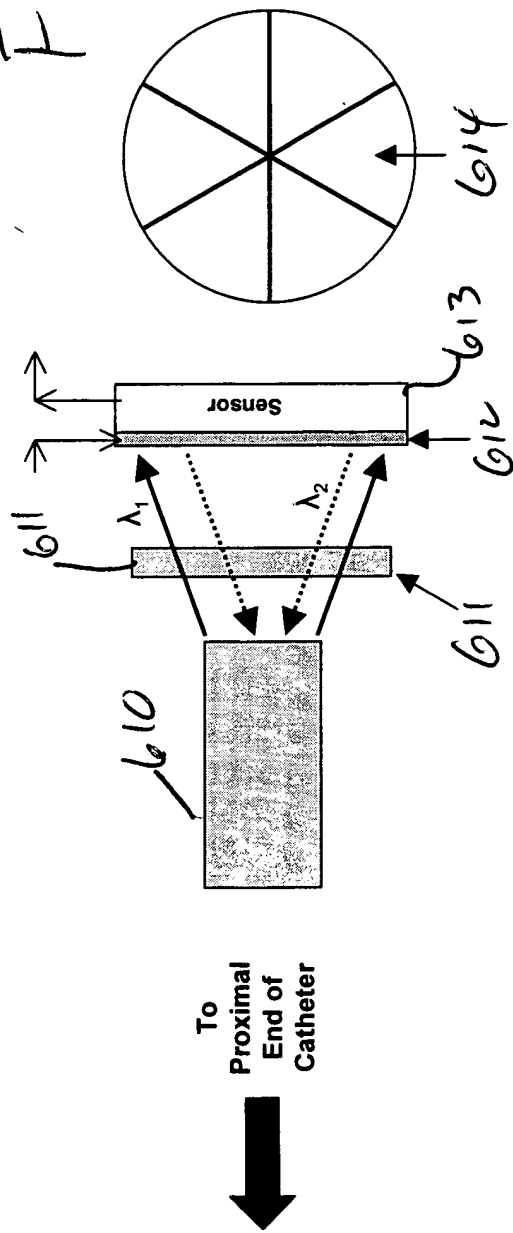
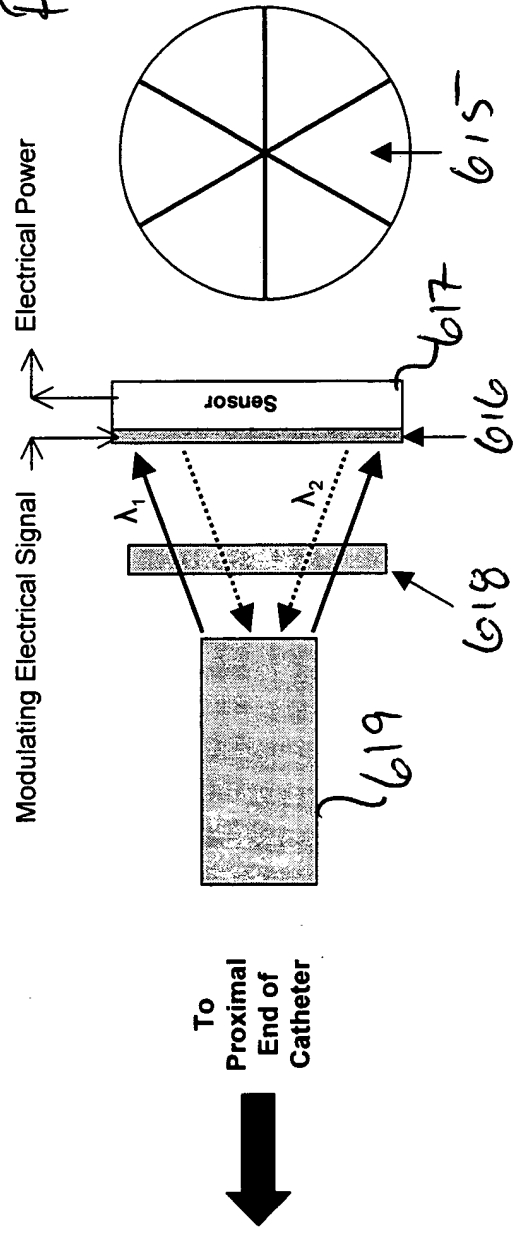
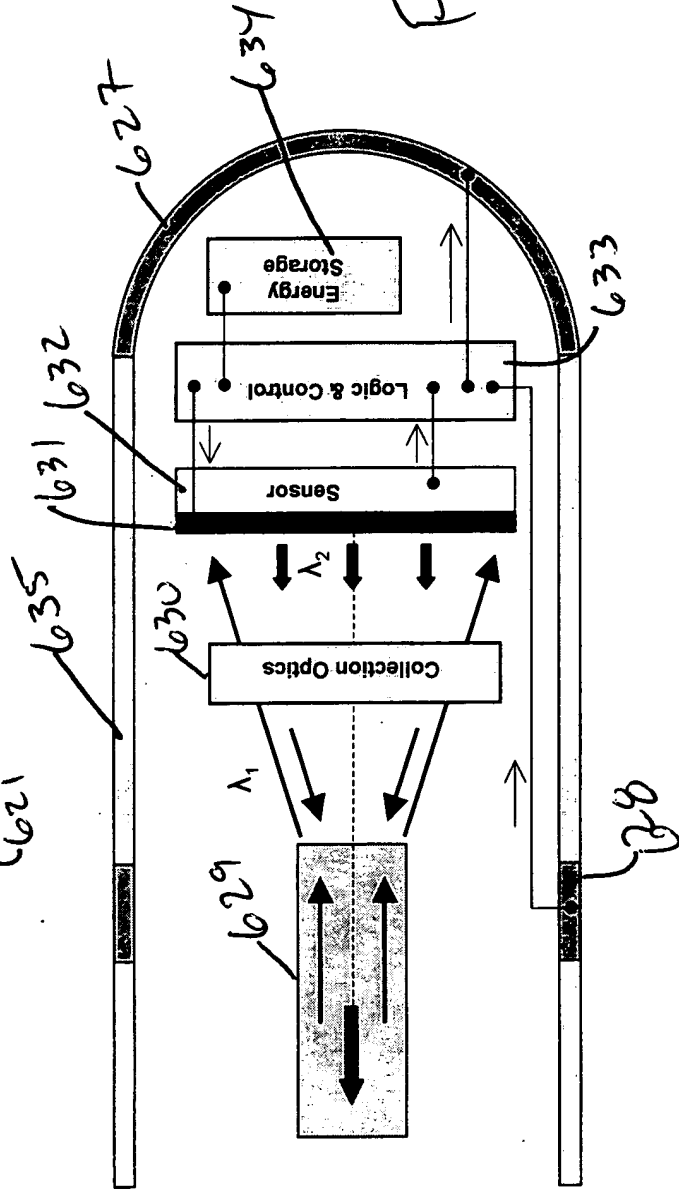
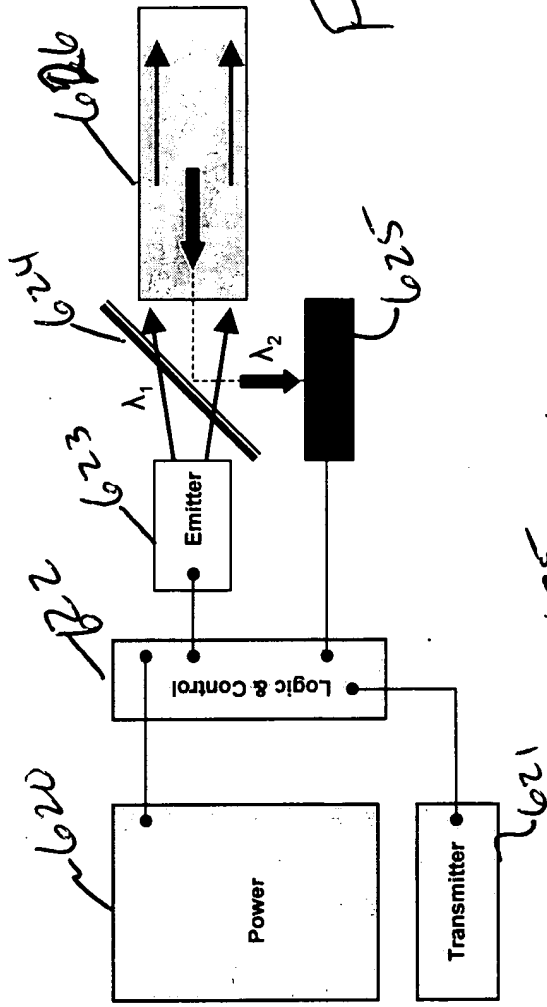
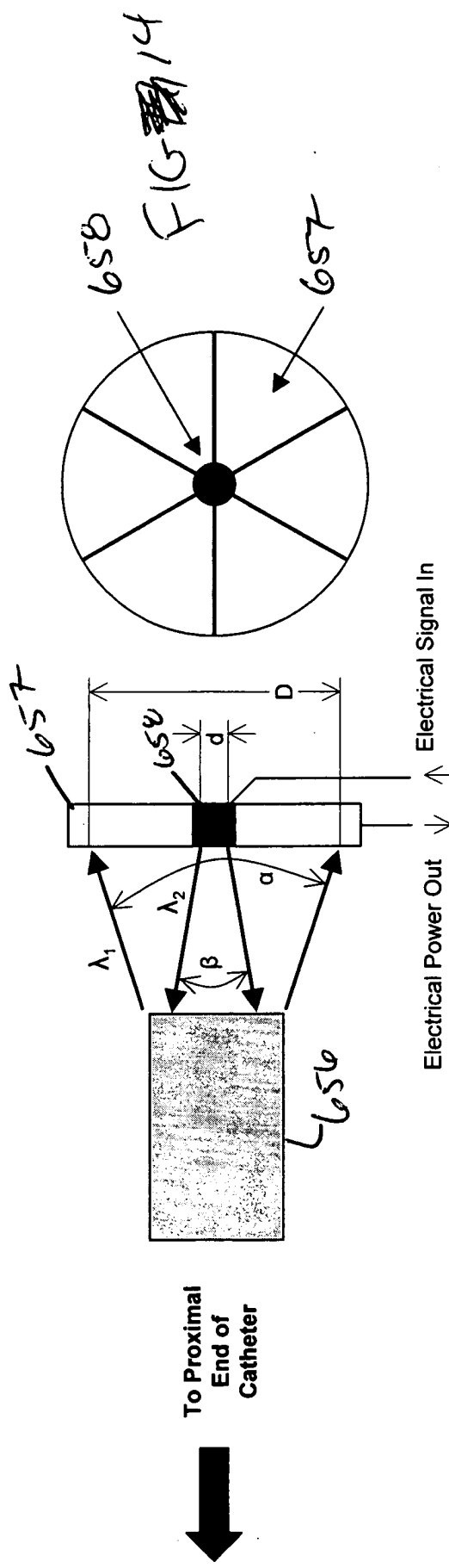
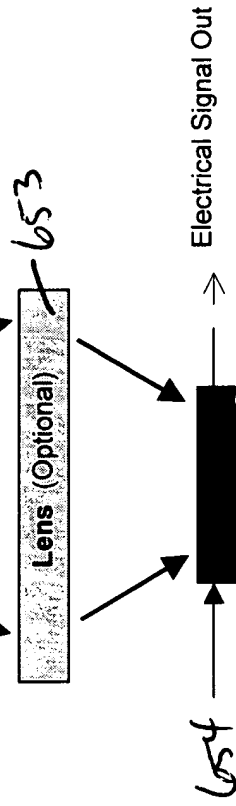
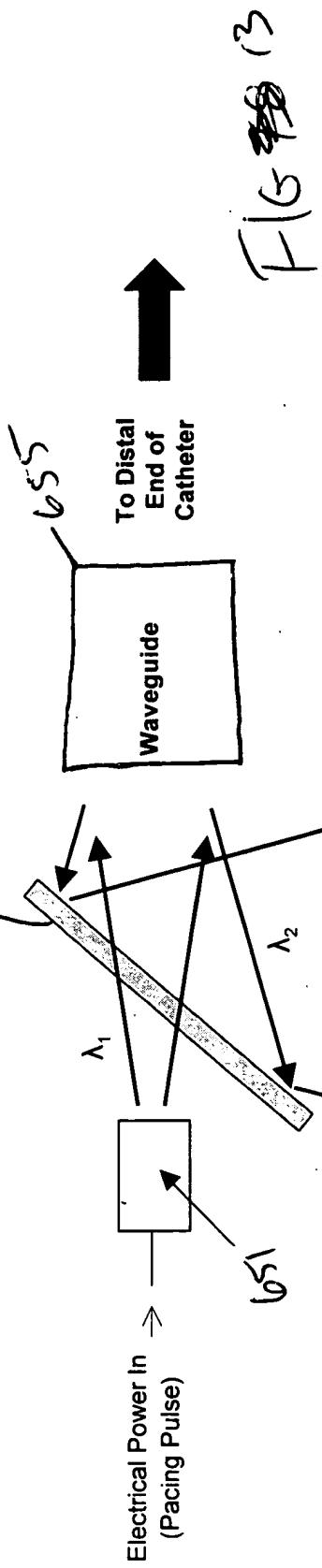


FIG 8





20051201 2052200T



Electrical Power In ↓ ↑ Electrical Signal Out

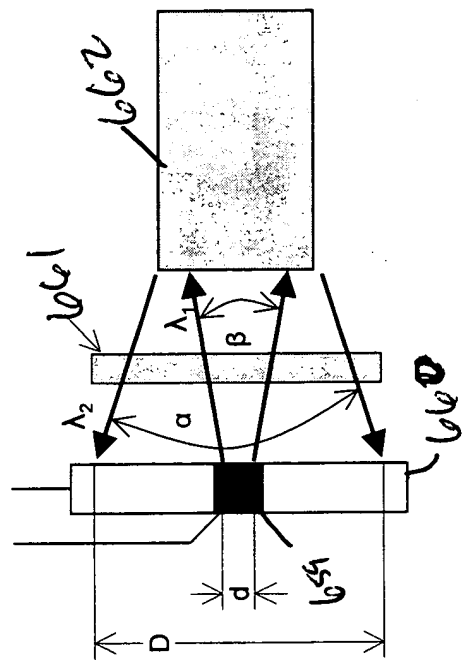


FIG 15

↑
To Distal
End of
Catheter

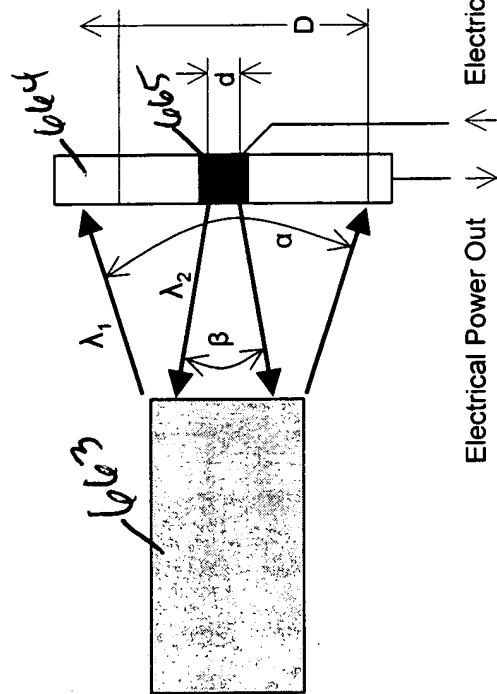
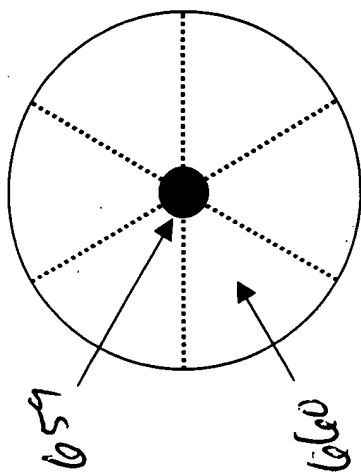
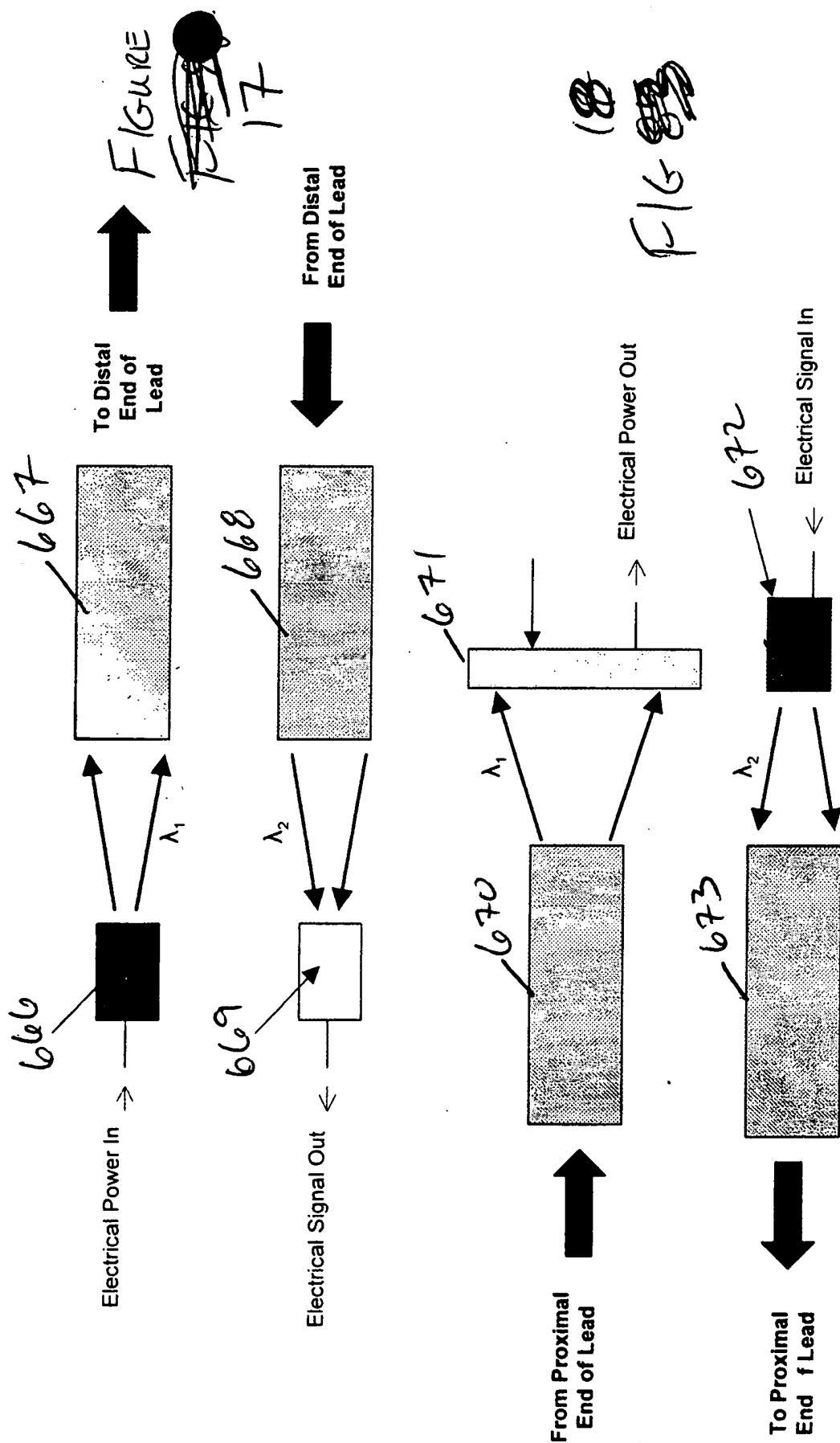


FIG 16

↓
To Proximal
End of
Catheter

Electrical Power Out ↓ ↑ Electrical Signal In



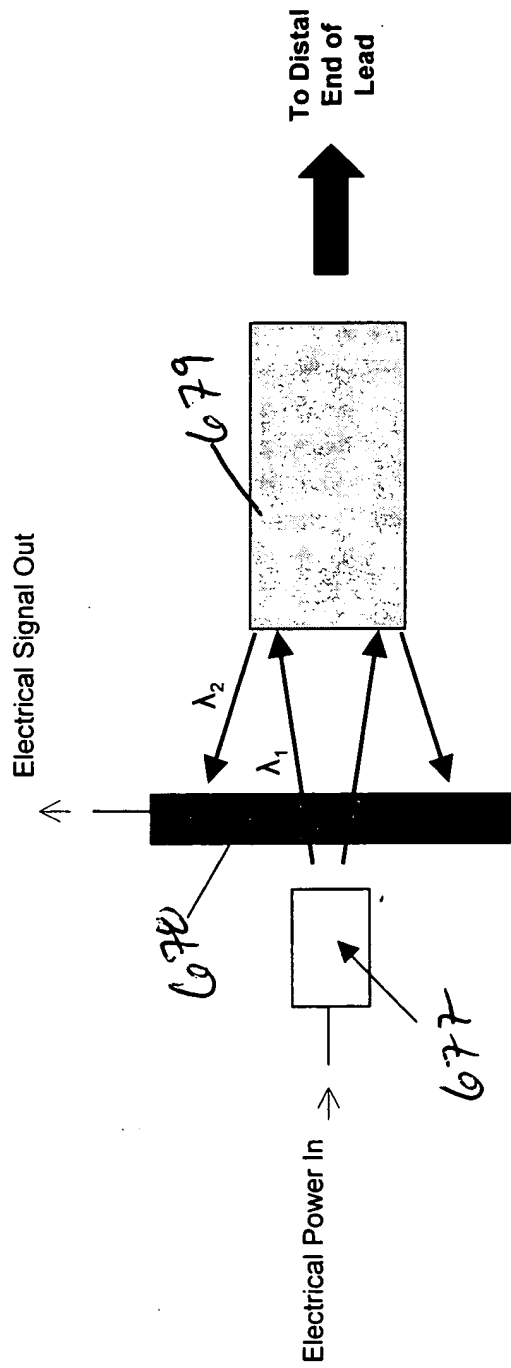


FIG 19

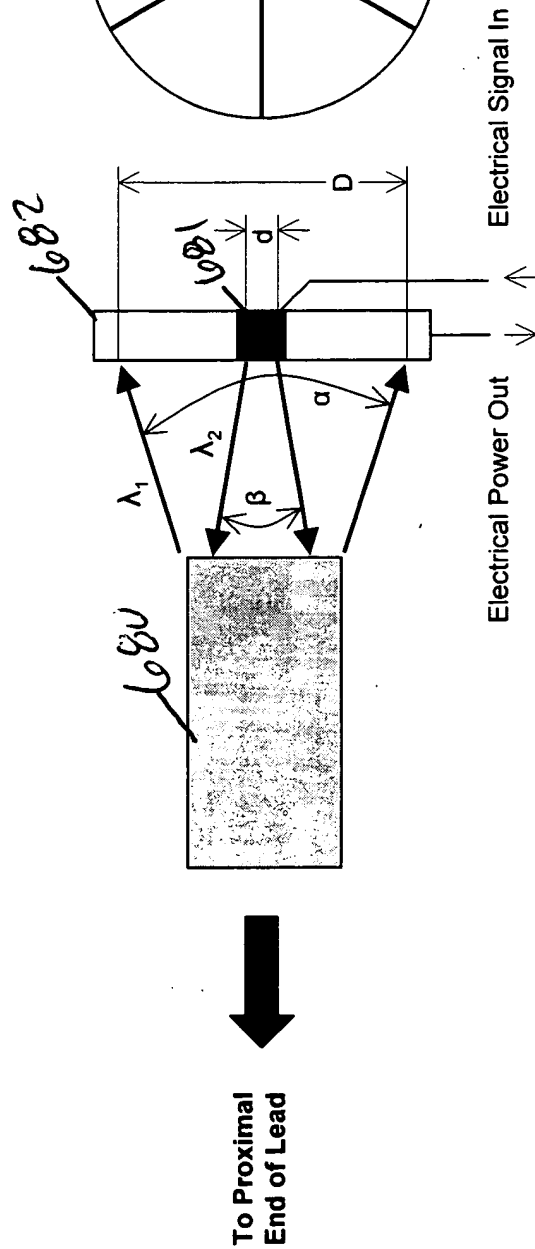


FIG 20

Fiber-optic coupling

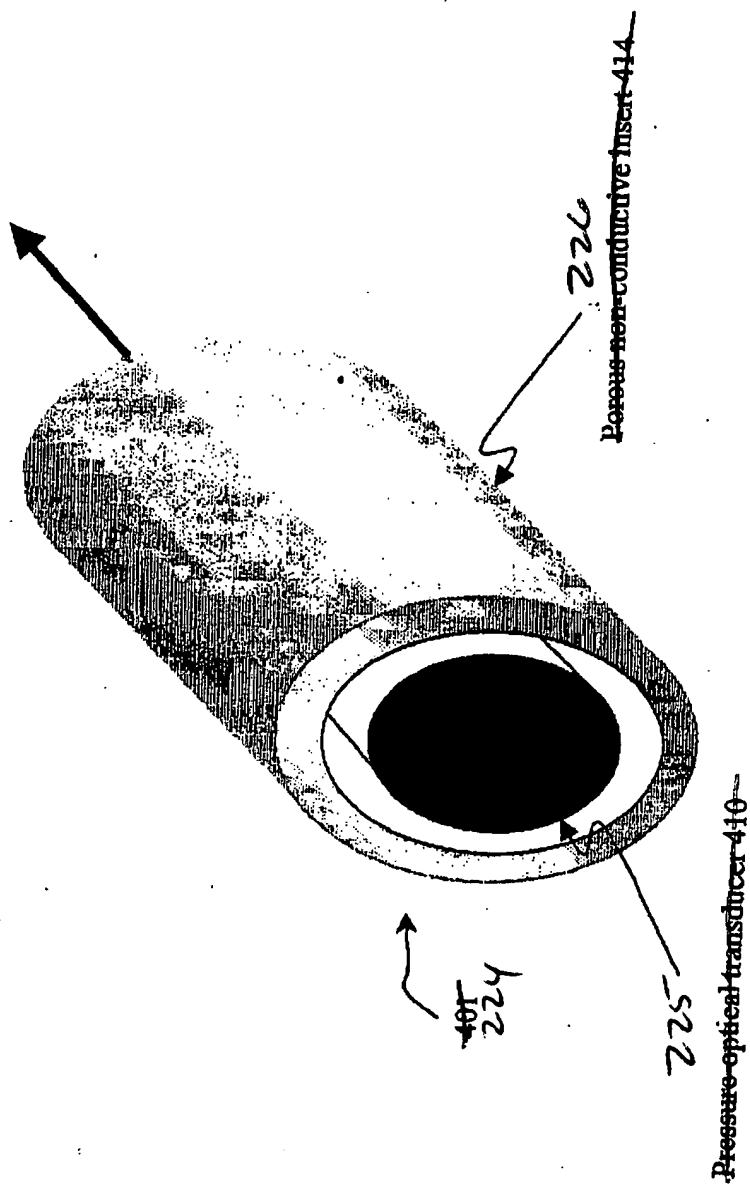


Fig. 1

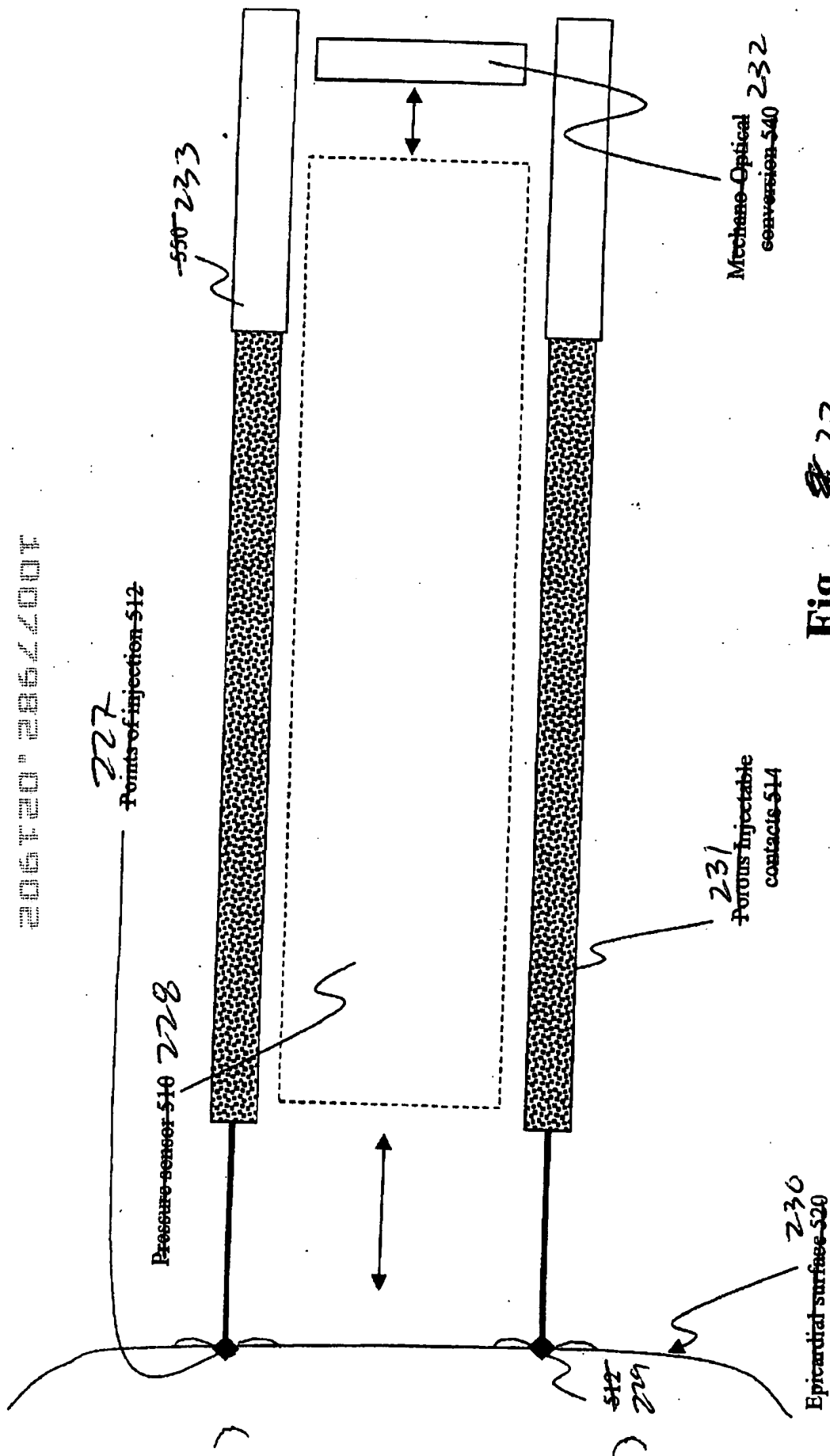


Fig. 22

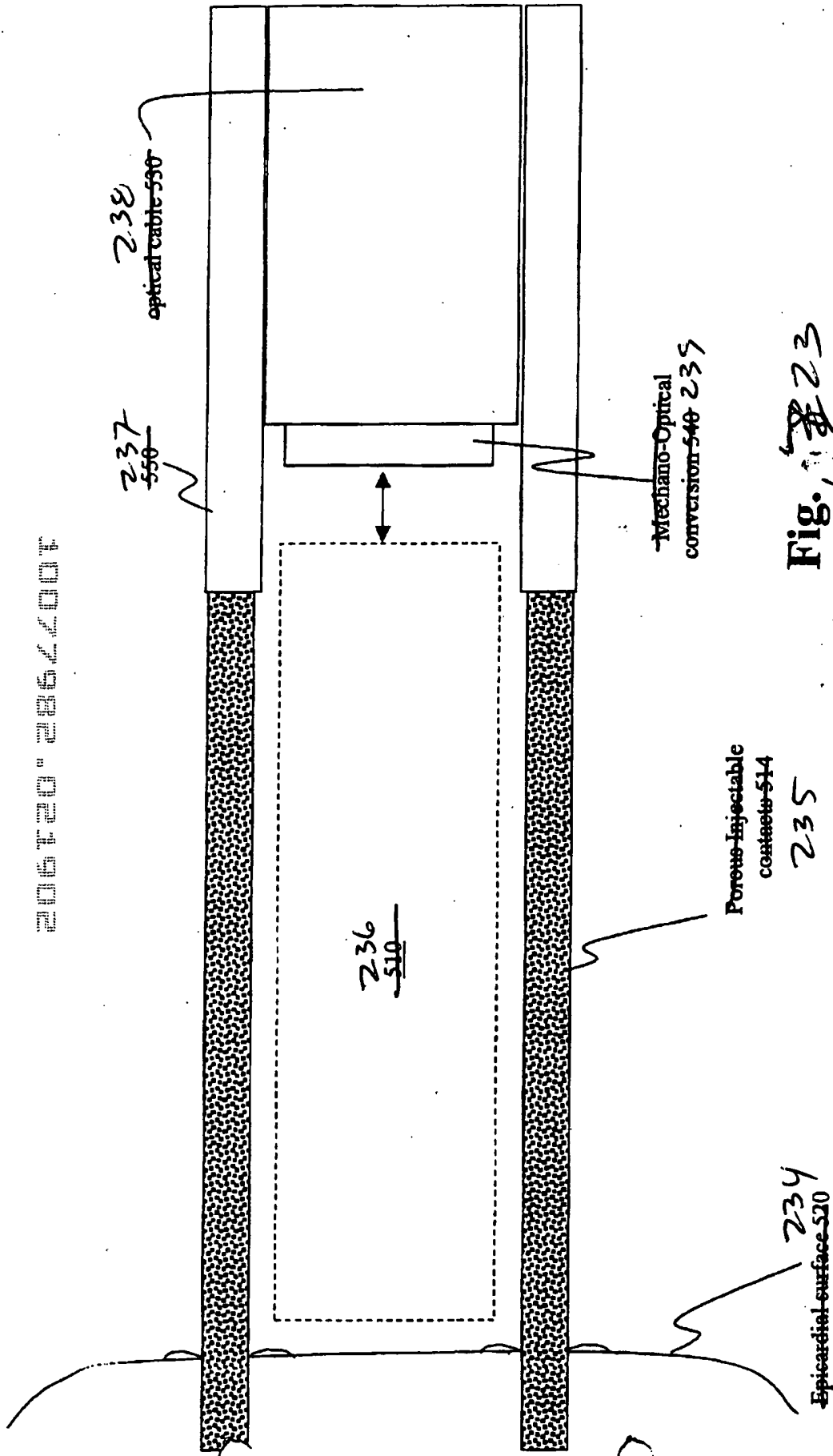


Fig. 23

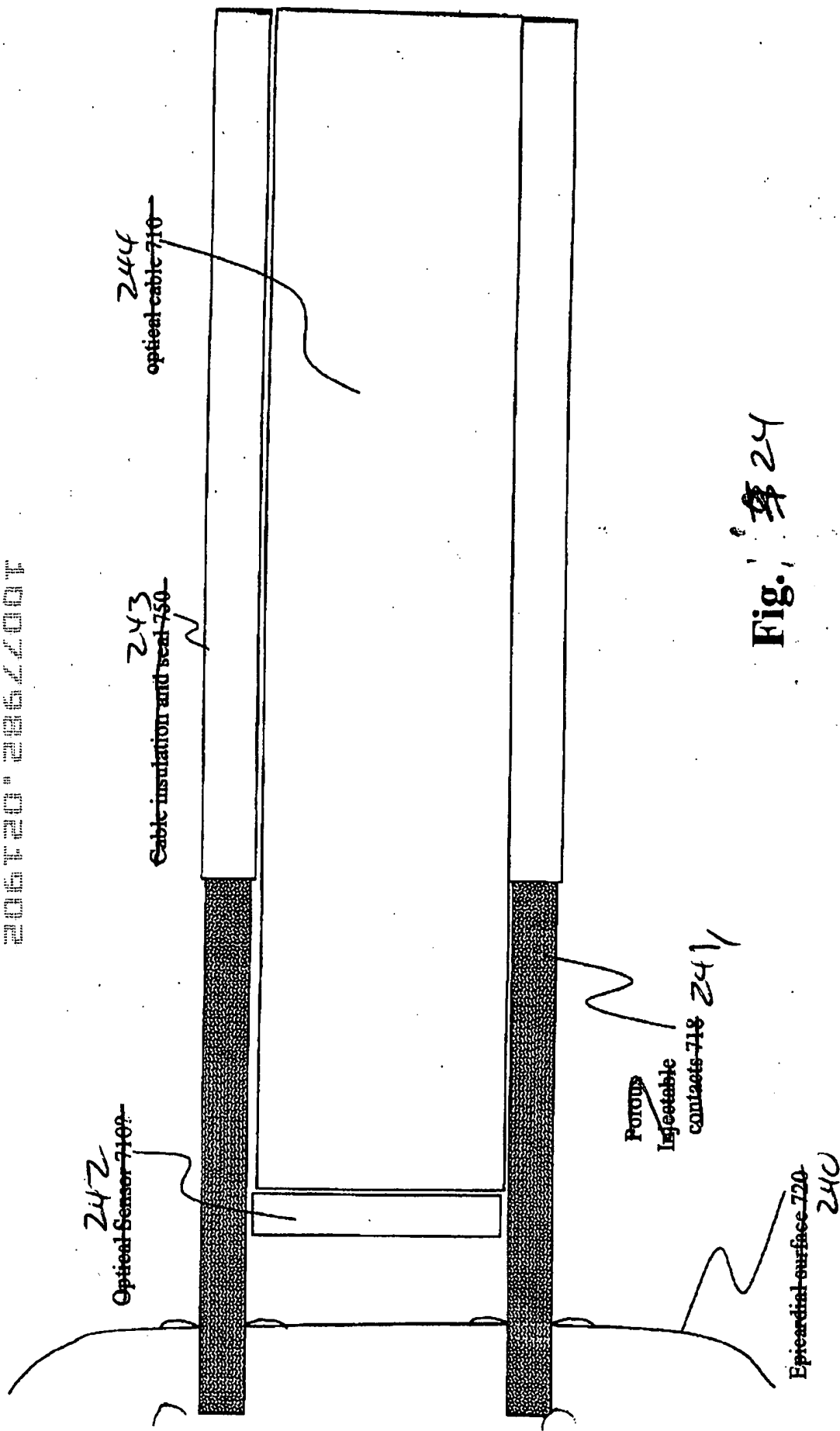


Fig. 24

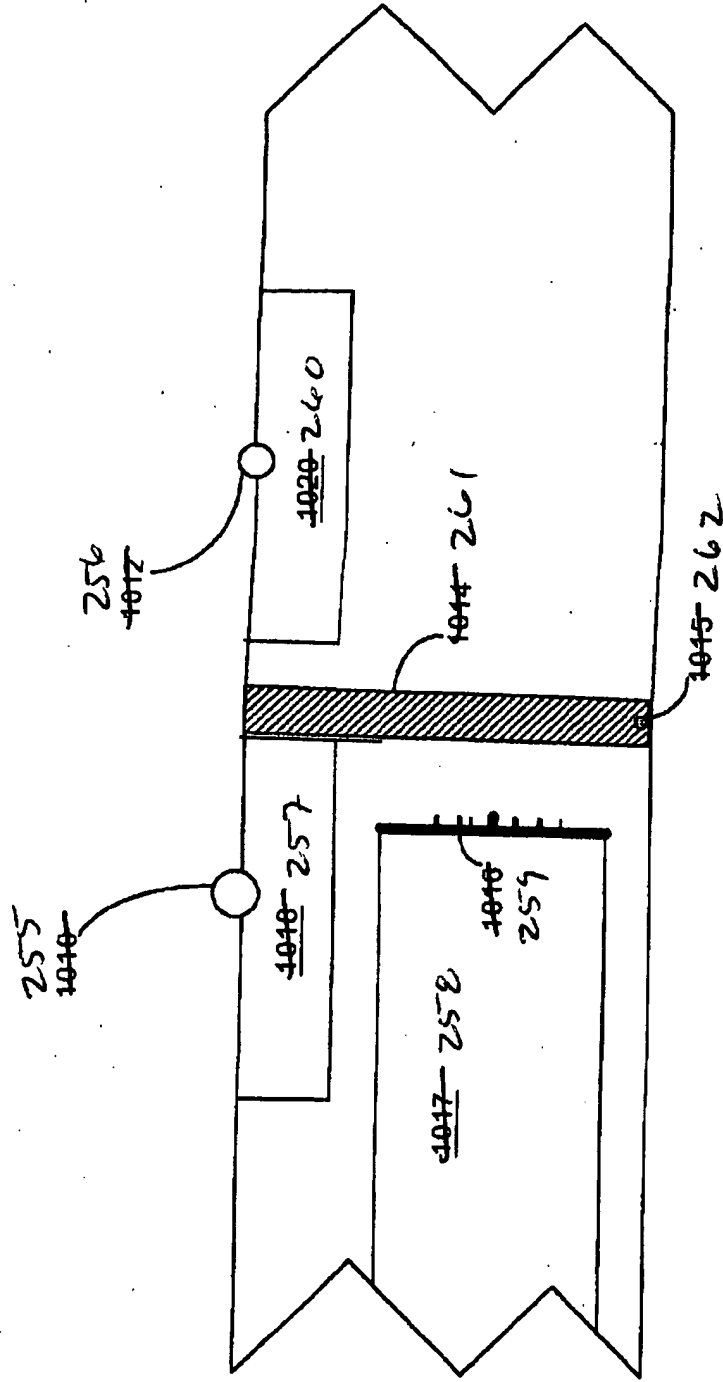


Fig. 26

23

FIG 27

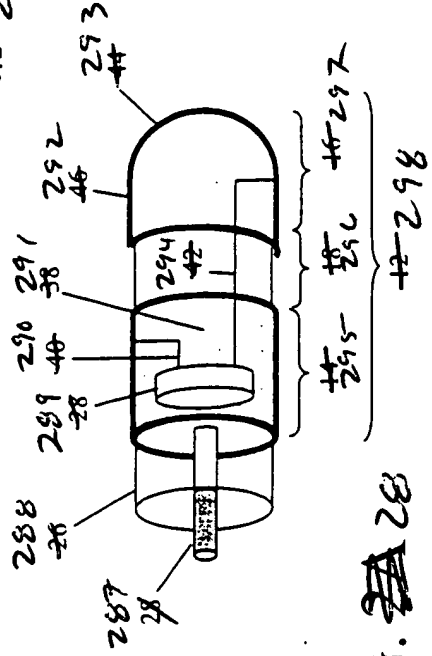
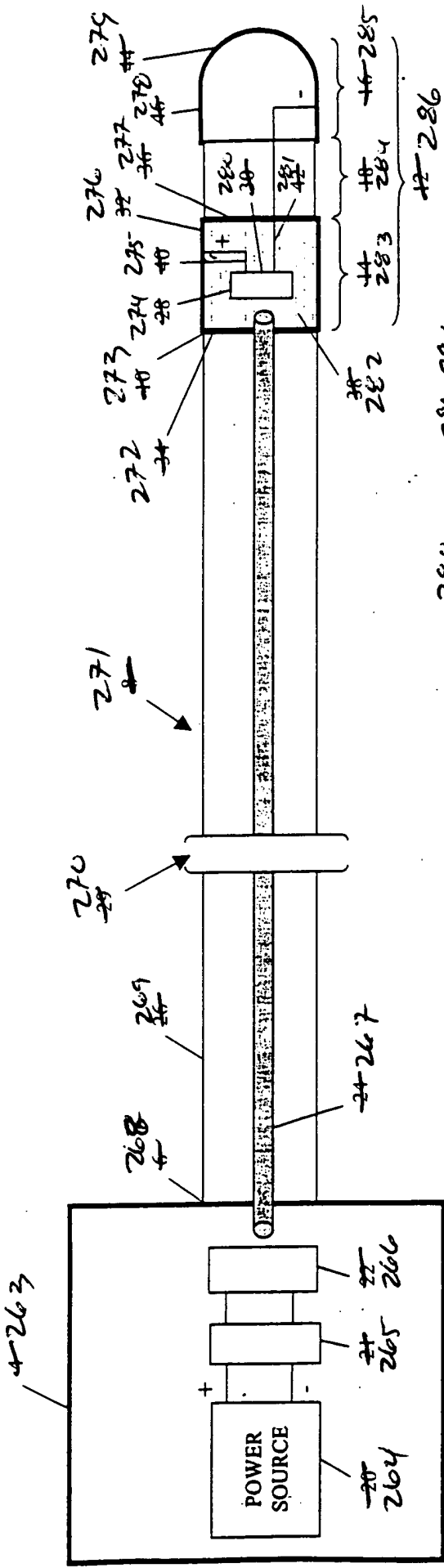


FIG. 28

FIG 2

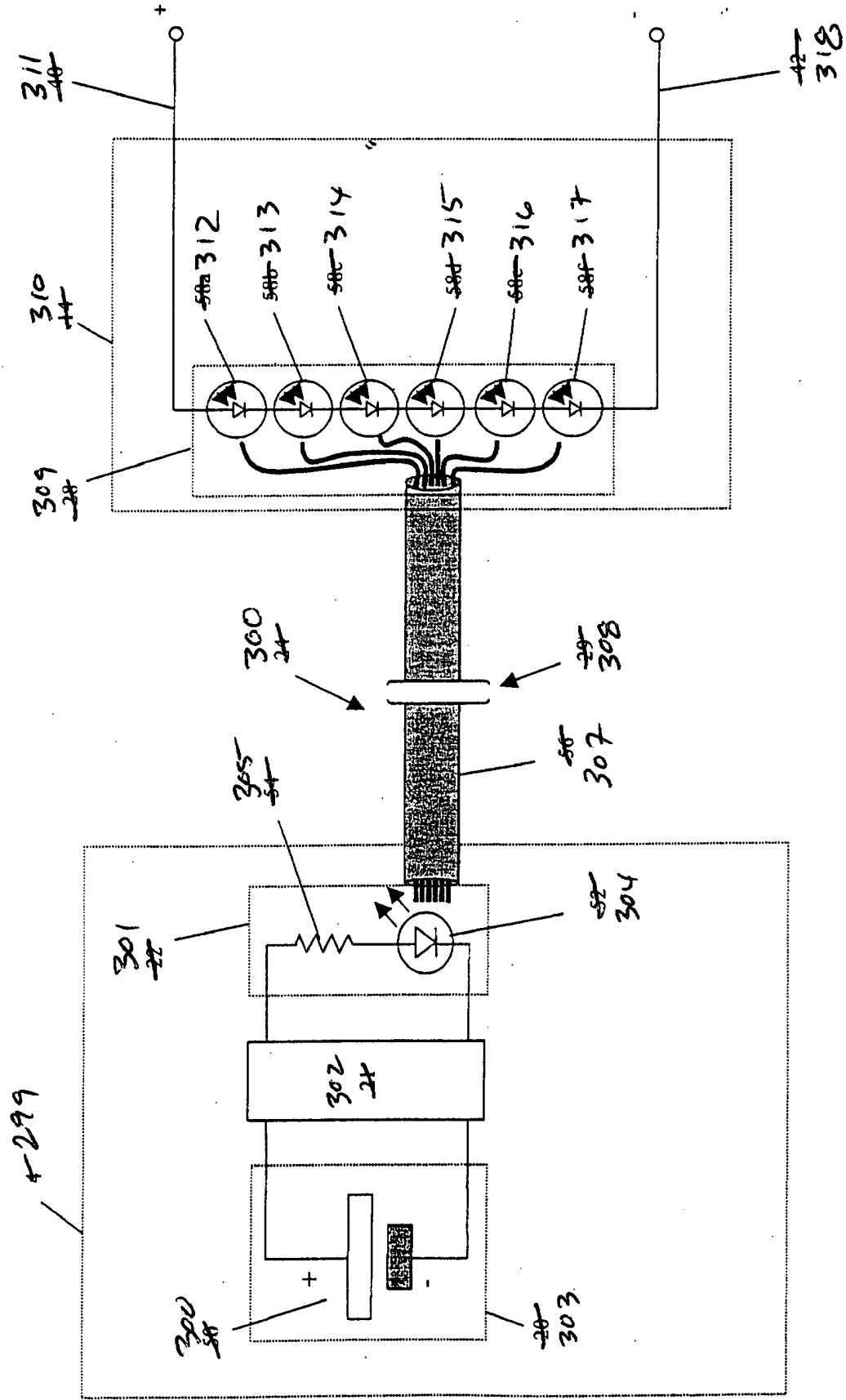


FIG. 29

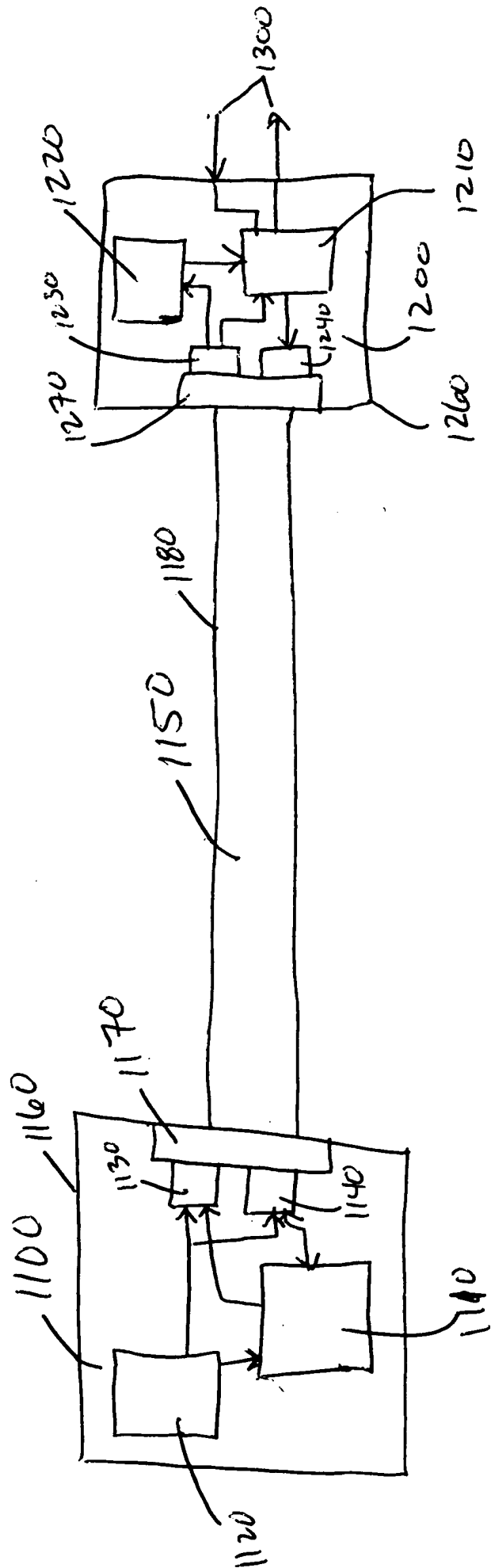


FIGURE 30

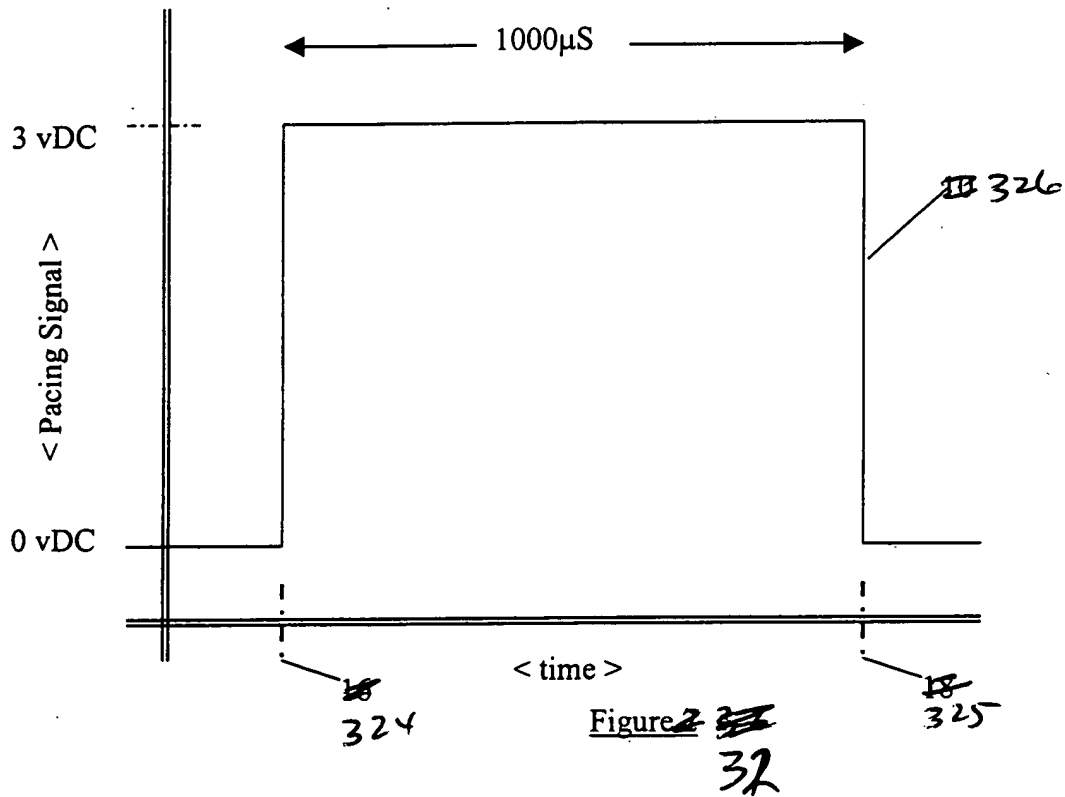
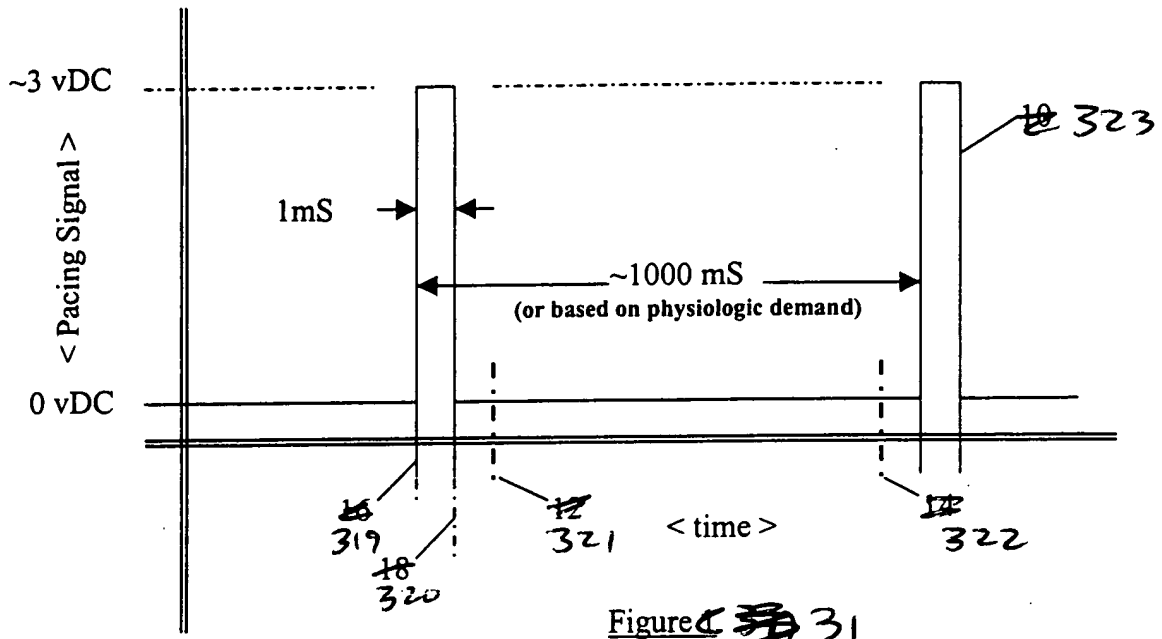




Figure ~~32~~ 33

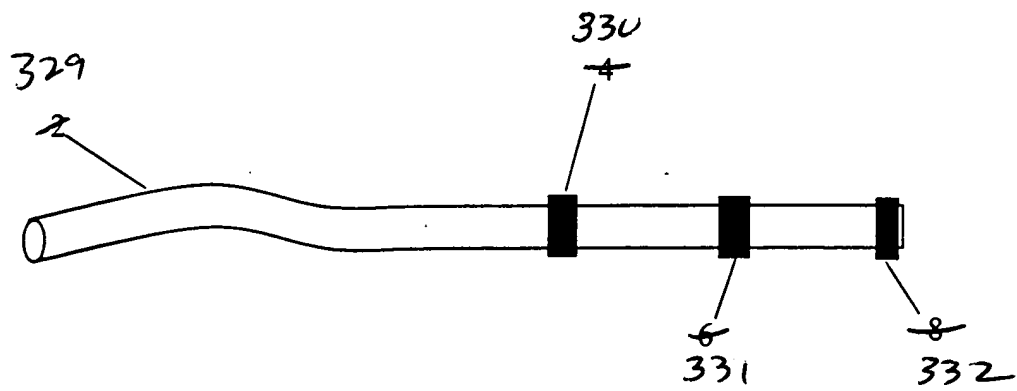


Figure ~~33~~ 34

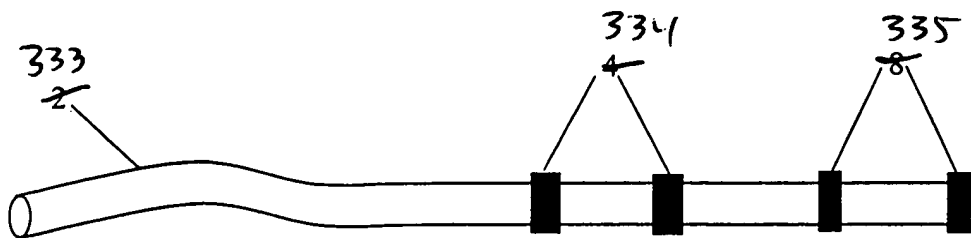


Figure ~~34~~ 35

20070720 235200T

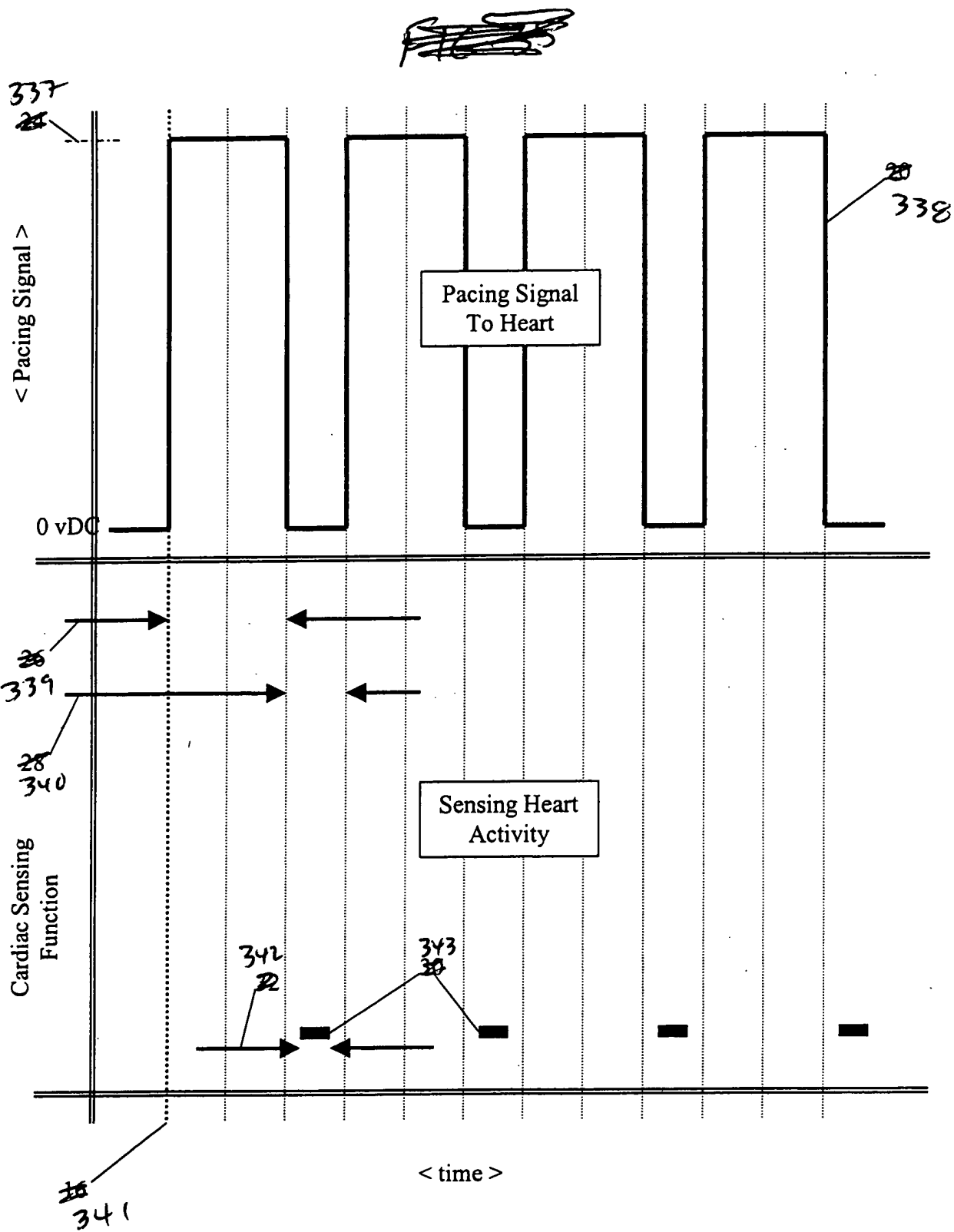


Figure 36

A timing diagram showing a pacing signal over time. The vertical axis is labeled "< Pacing Signal >" and the horizontal axis is labeled "< time >". The signal is a rectangular pulse with a high level and a low level (0 vDC). The high level is indicated by a dashed line labeled "344". The pulse is filled with vertical lines. The rising edge is labeled "345" and the falling edge is labeled "346". The pulse width is labeled "347". The signal returns to 0 vDC, which is labeled "348". The time interval from the falling edge to the next rising edge is labeled "349".

Figure 37

20061220 2252200T

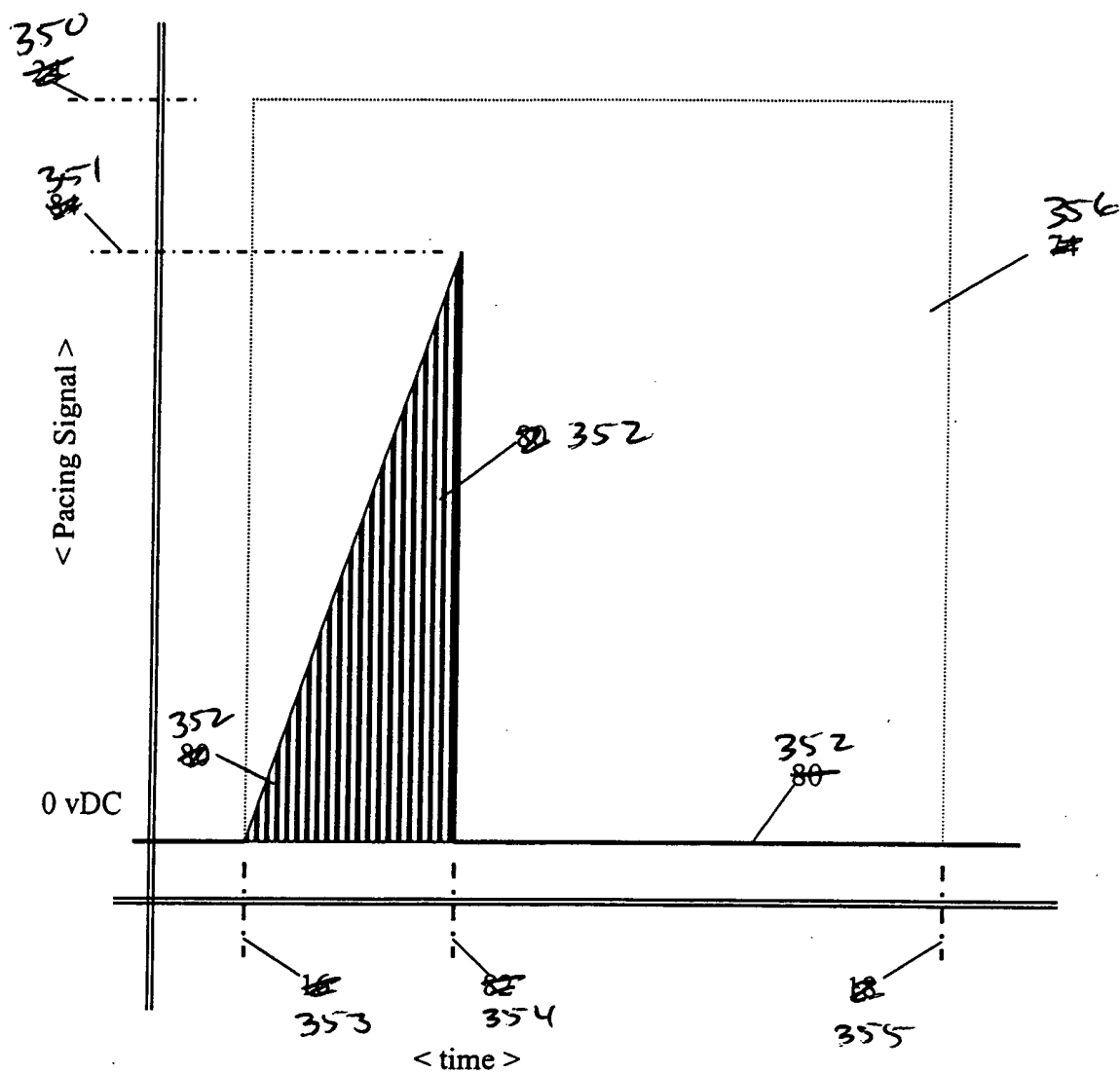


Figure 38

206T20" 286200T

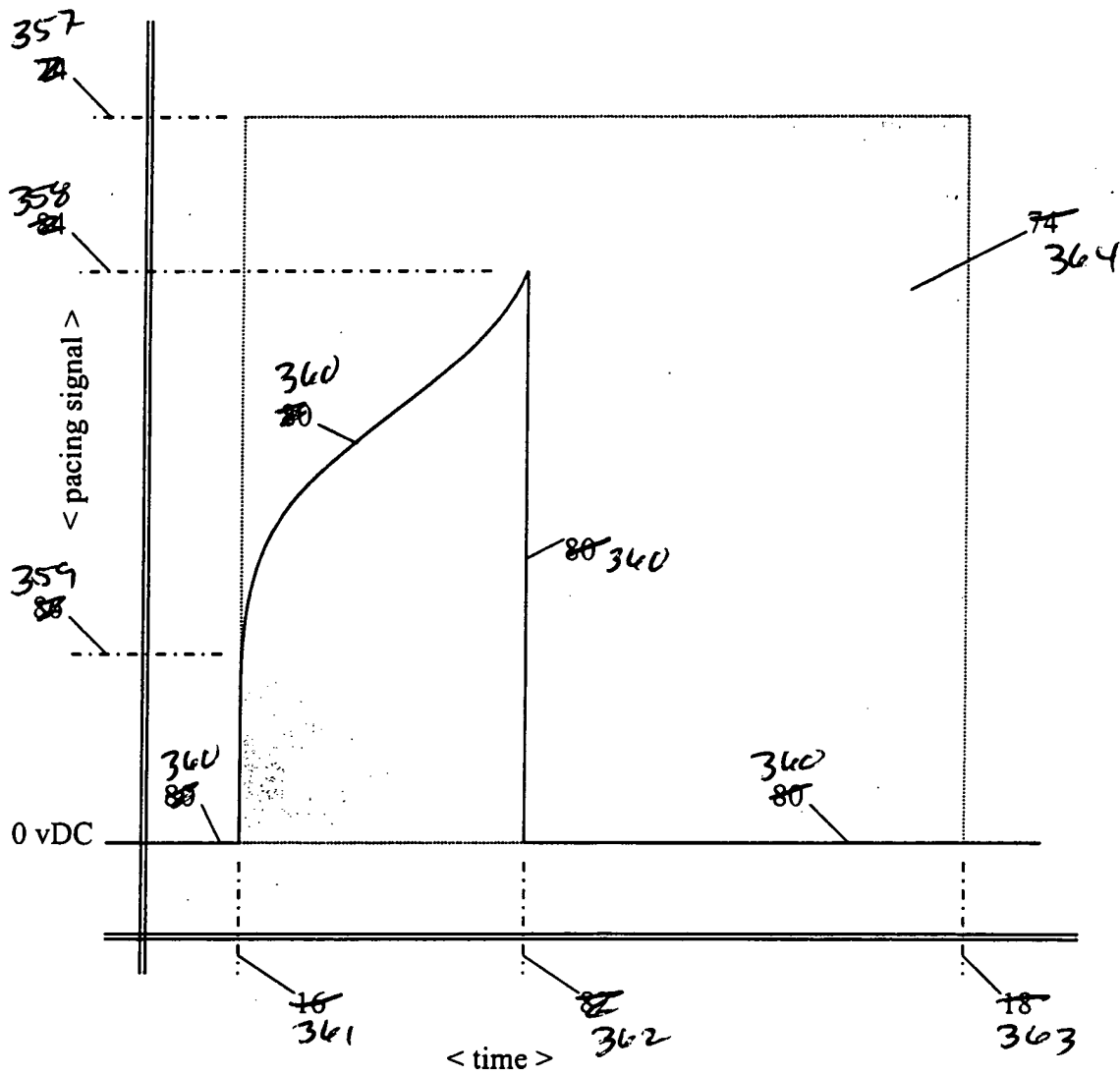


Figure 39

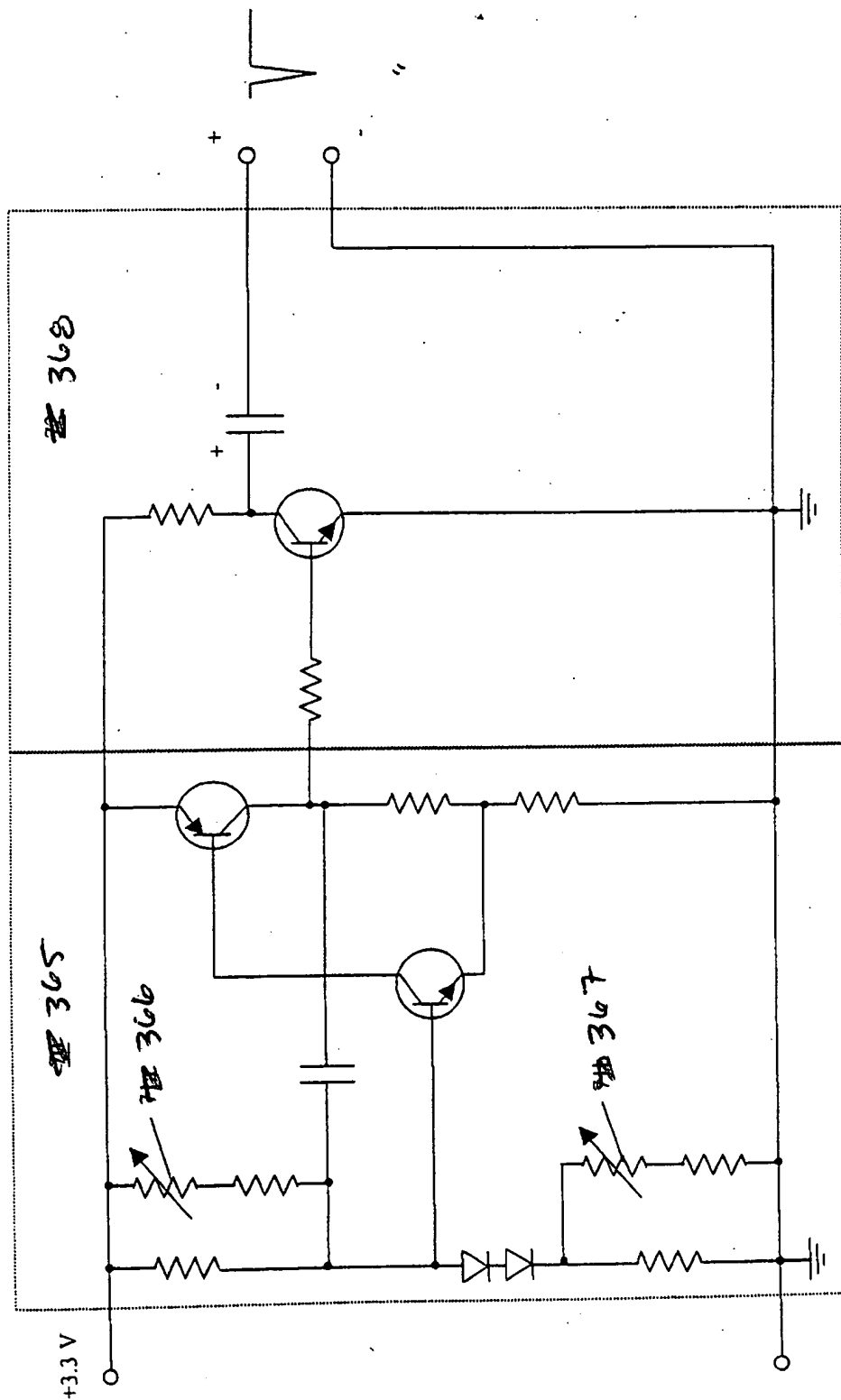
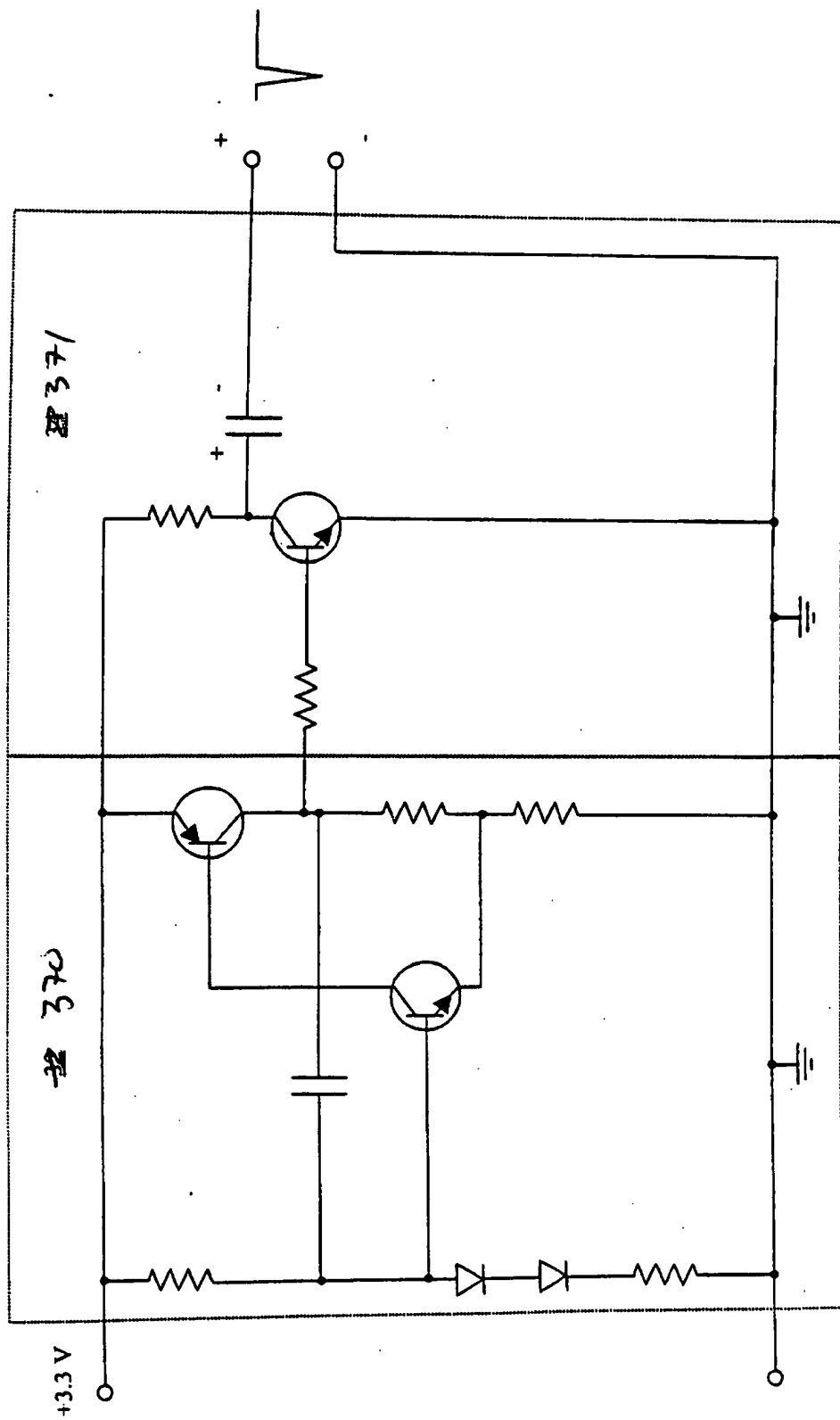
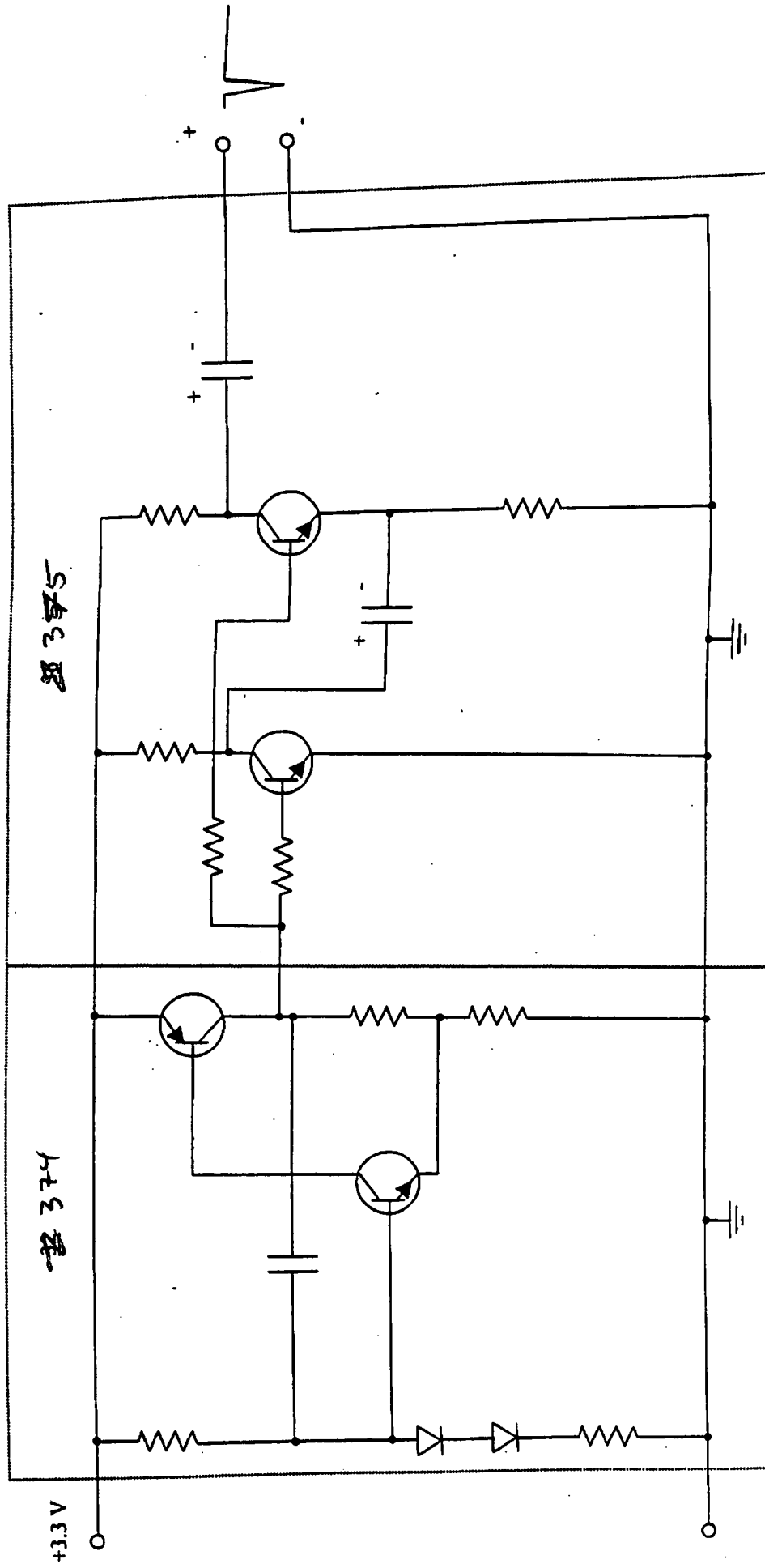


FIG. 40



372

FIG. 341



373

FIG. 442

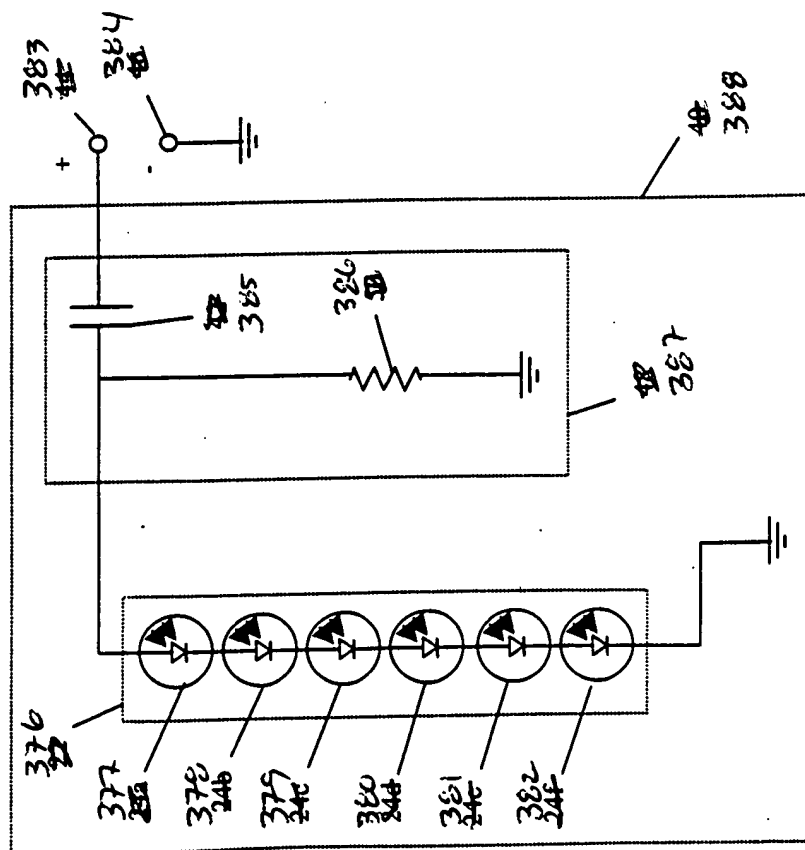


FIG. 843

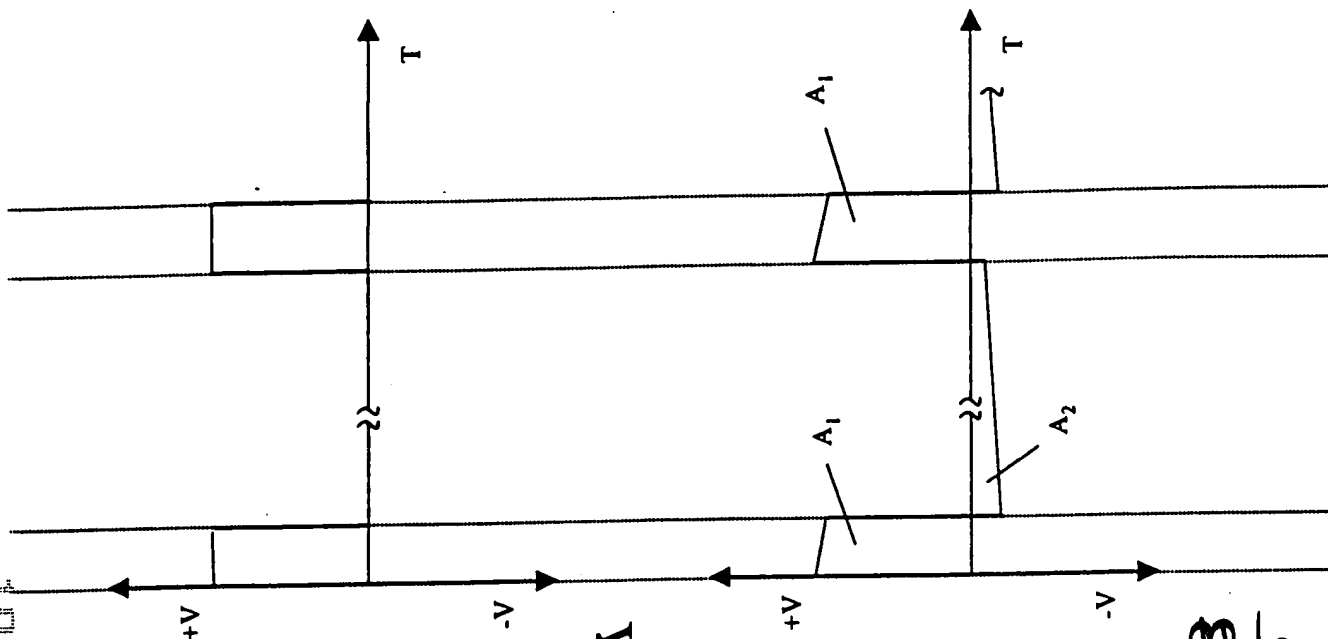


FIG. 6A
44

FIG. 6B
45

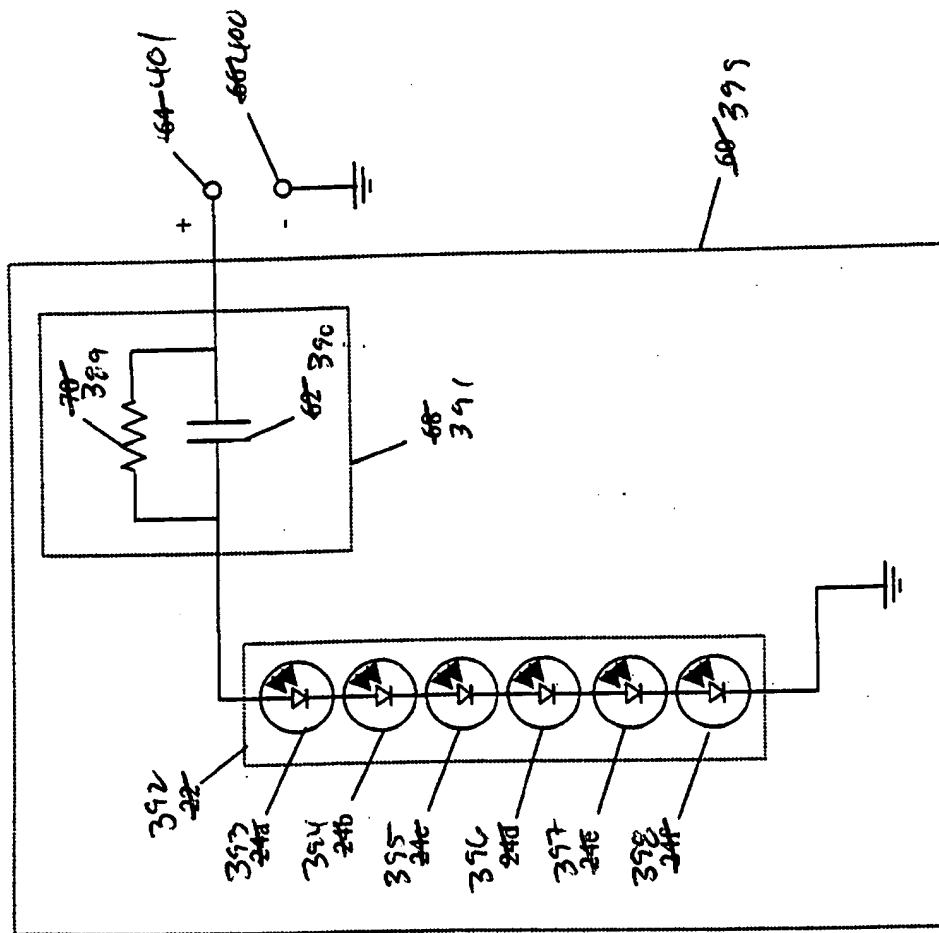


FIG. 340

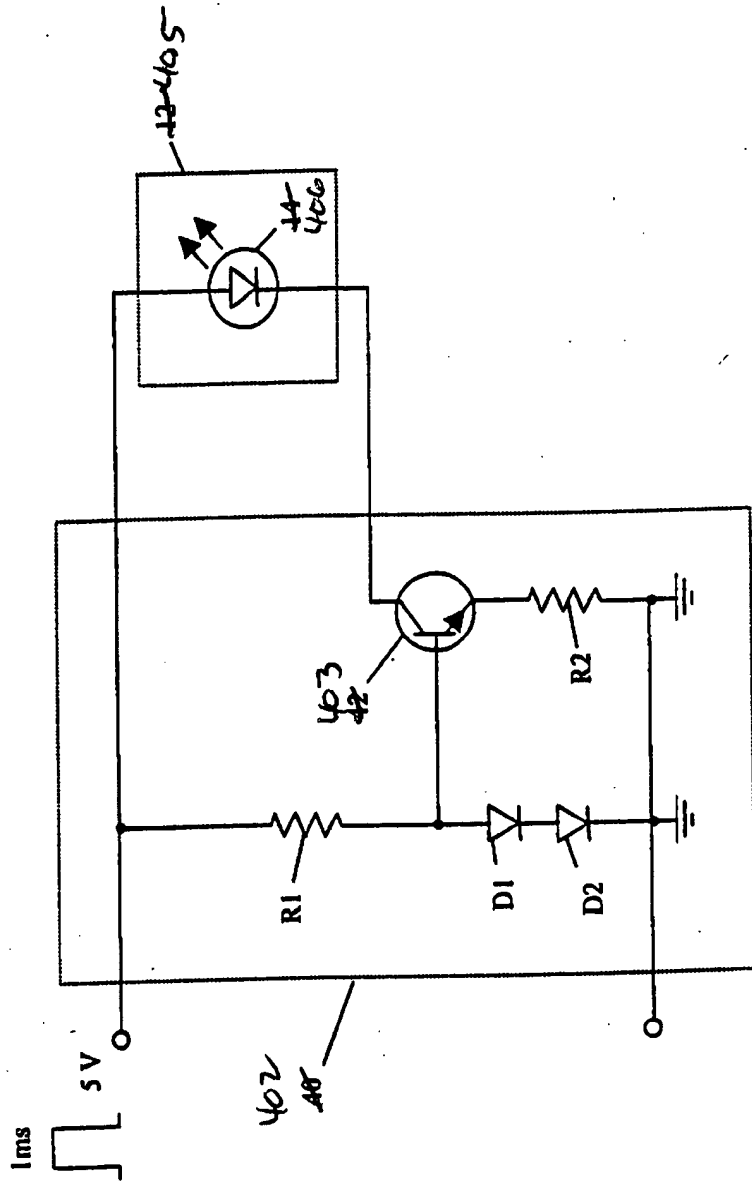


FIG. 47

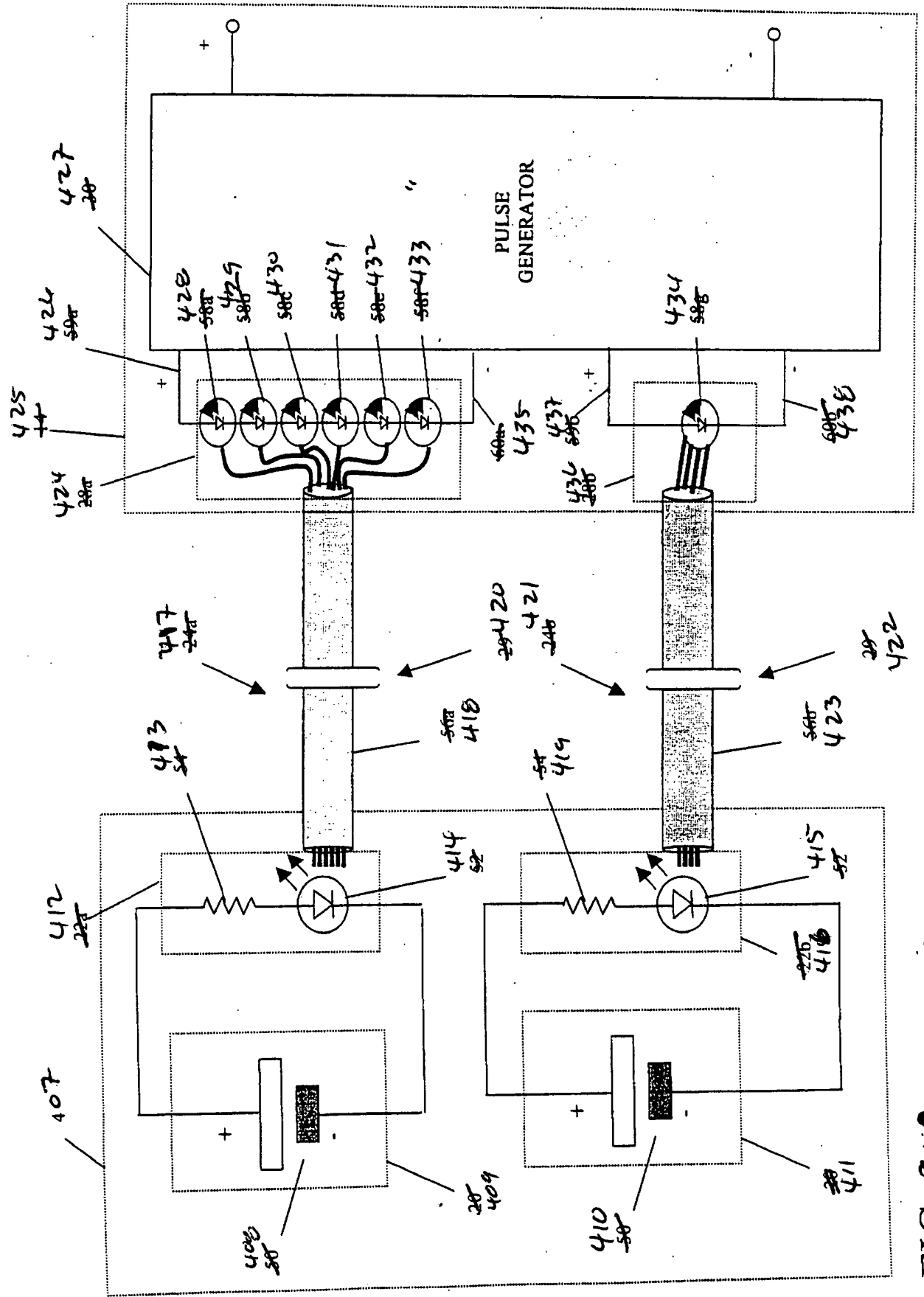


FIG. 340

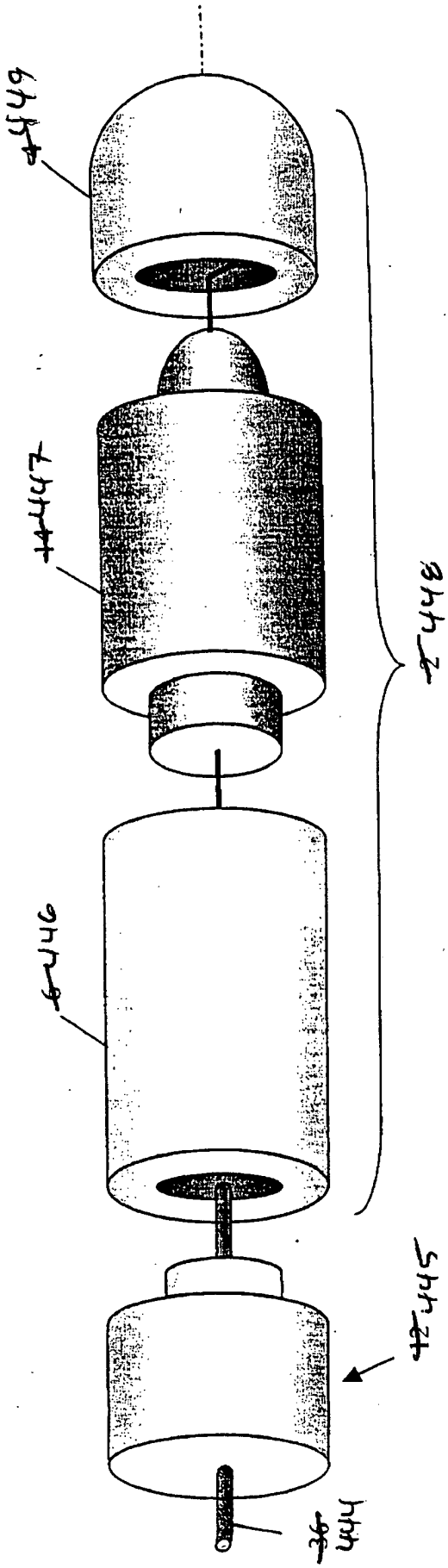


FIG. 450

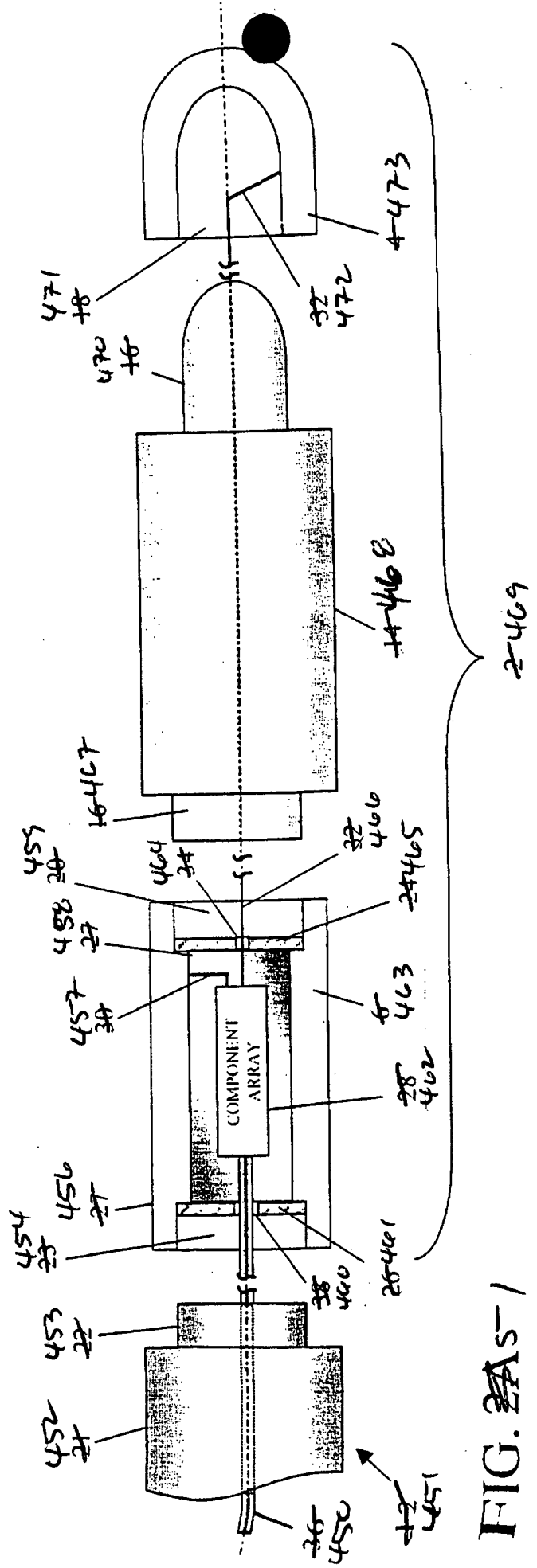


FIG. 451

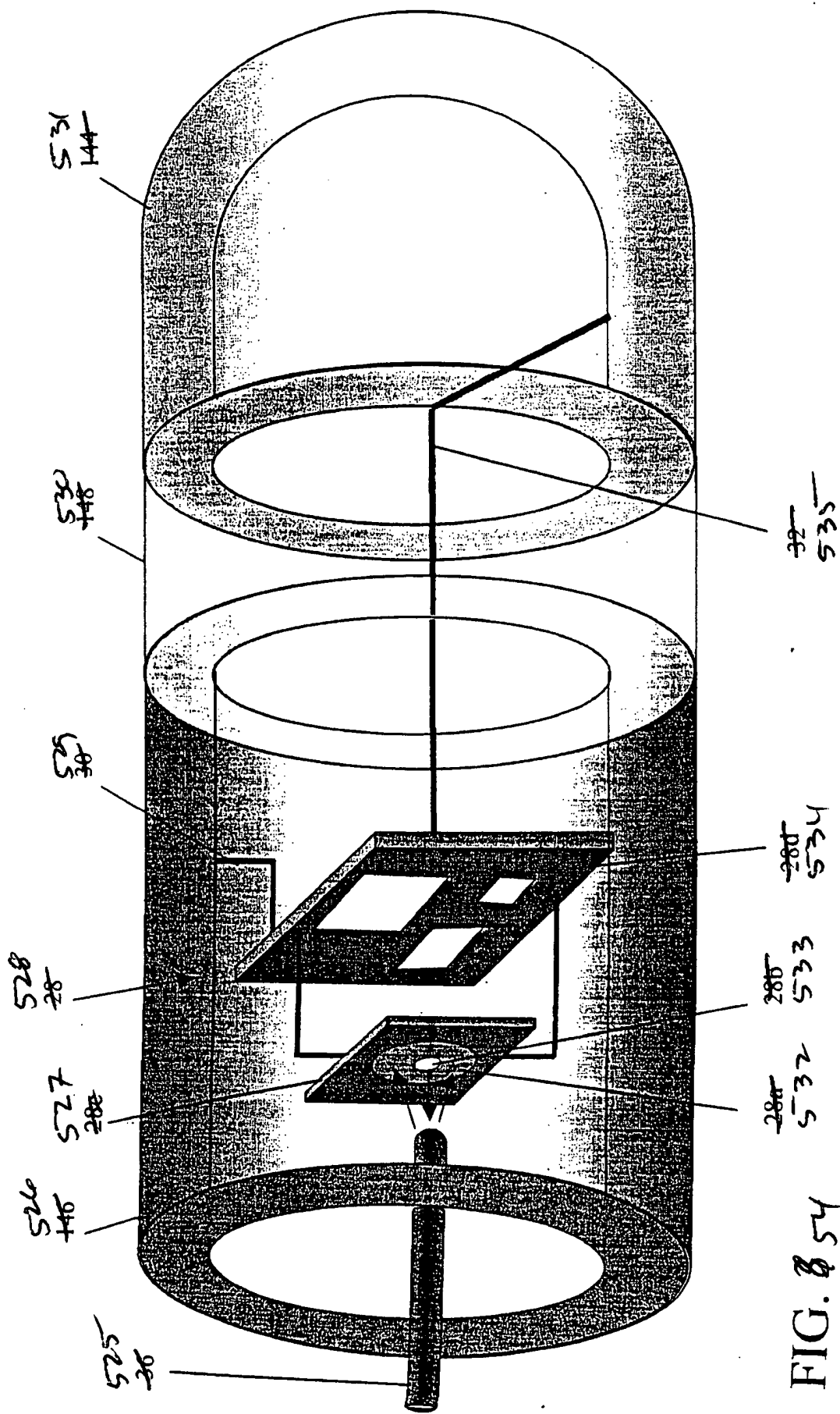


FIG. 8 54

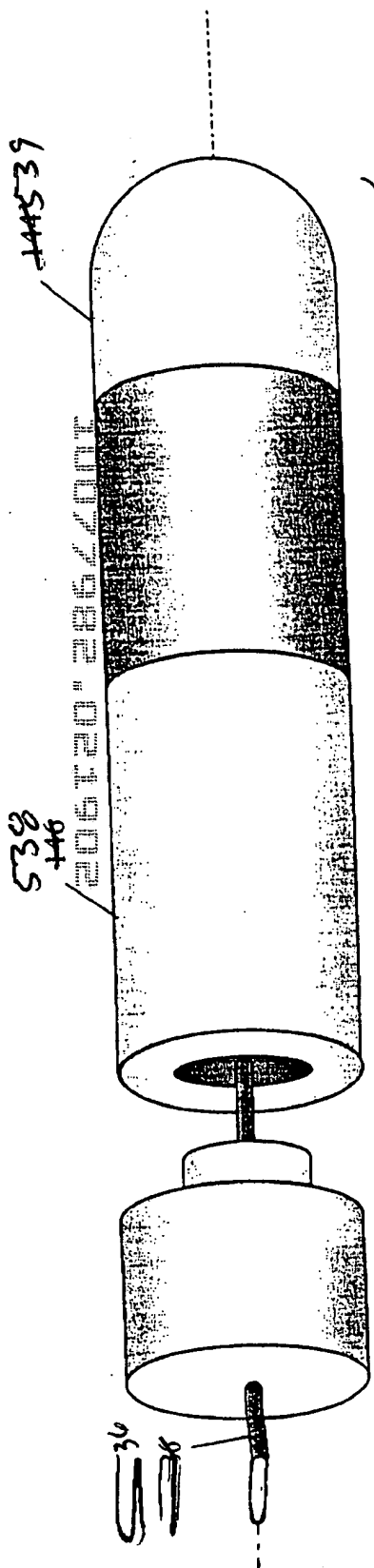


FIG. 455

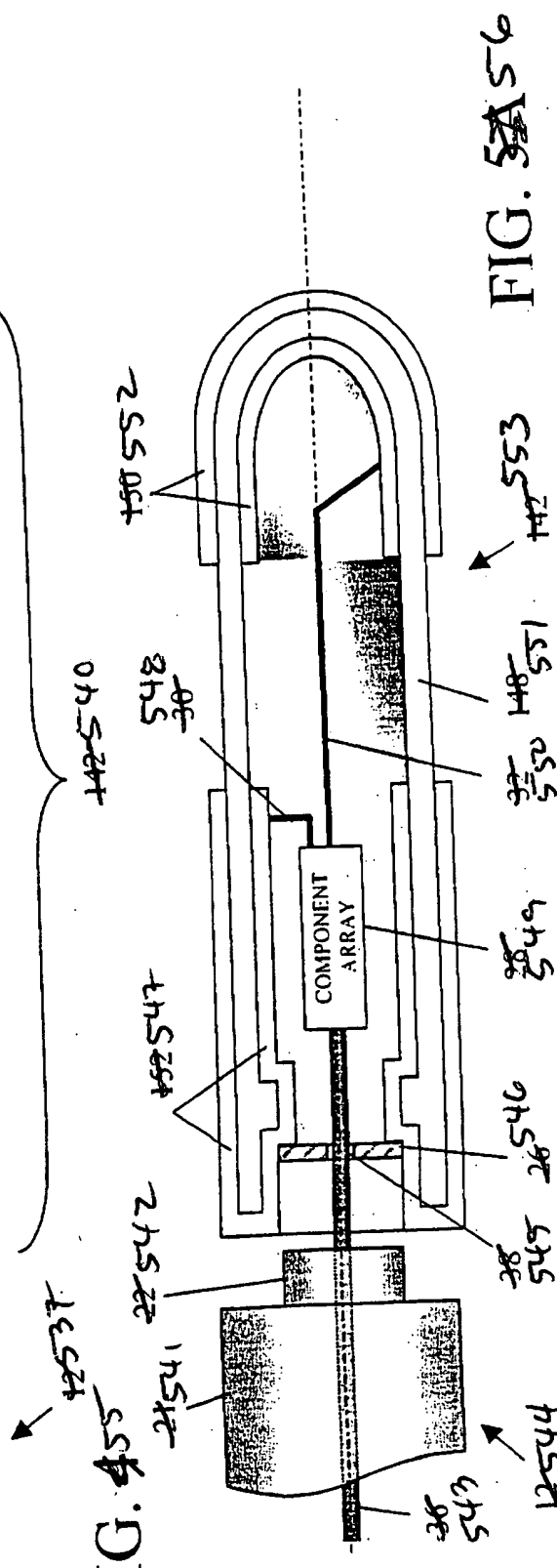


FIG. 556

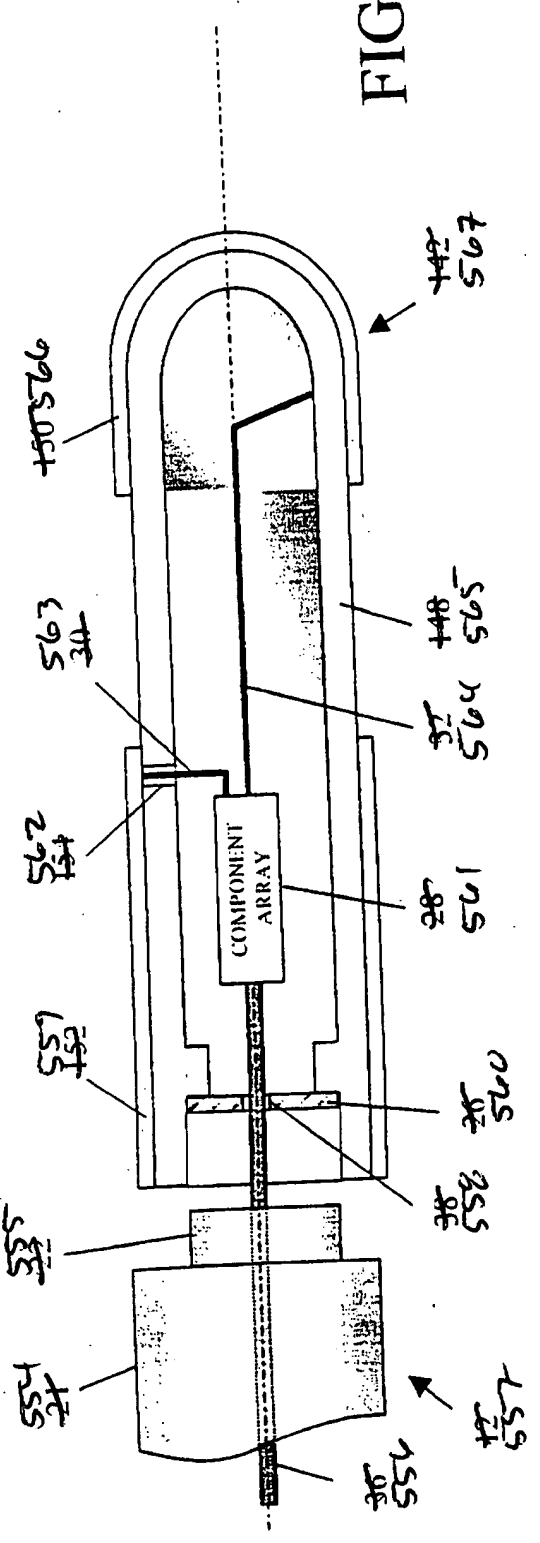


FIG. 557

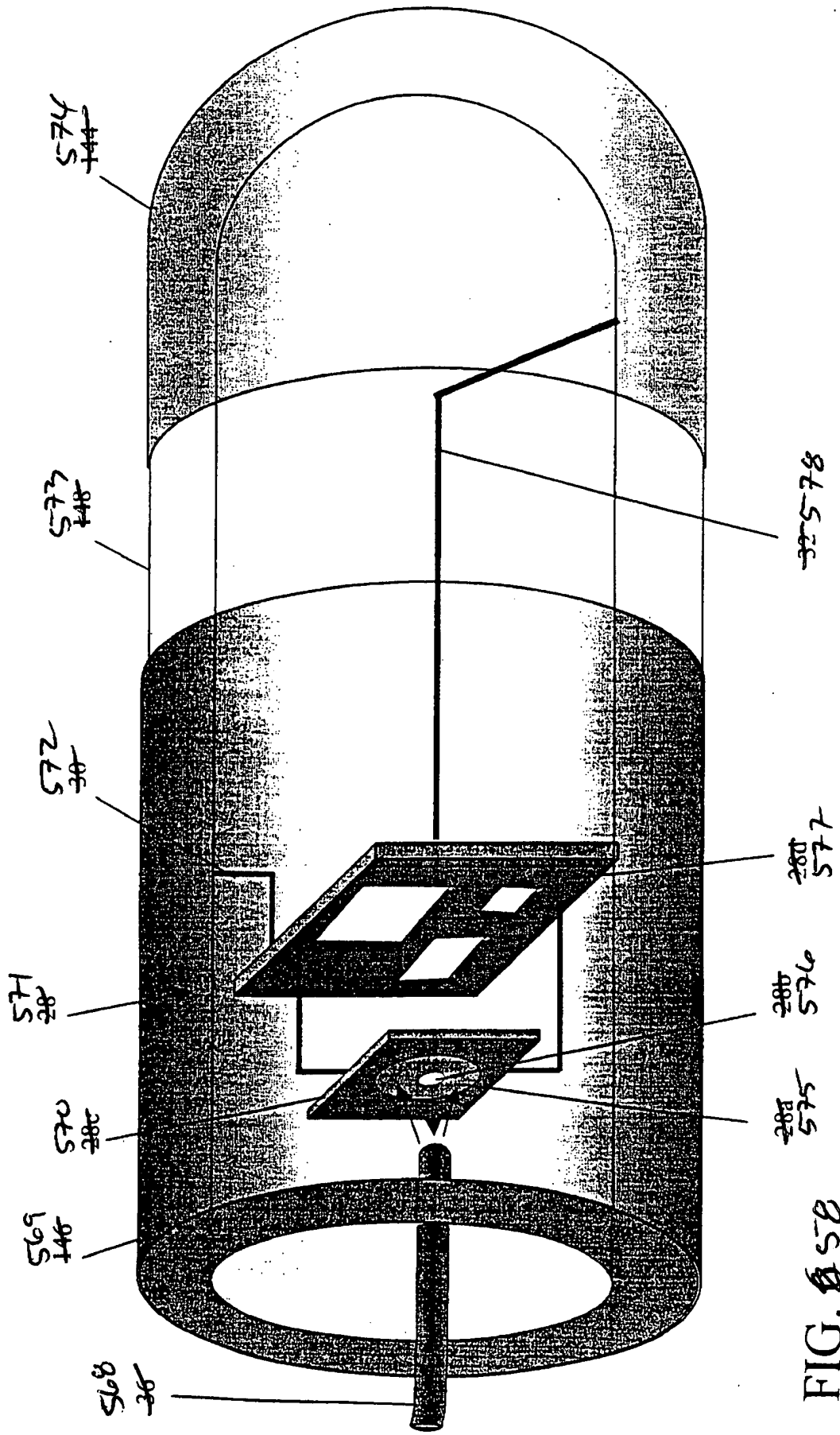
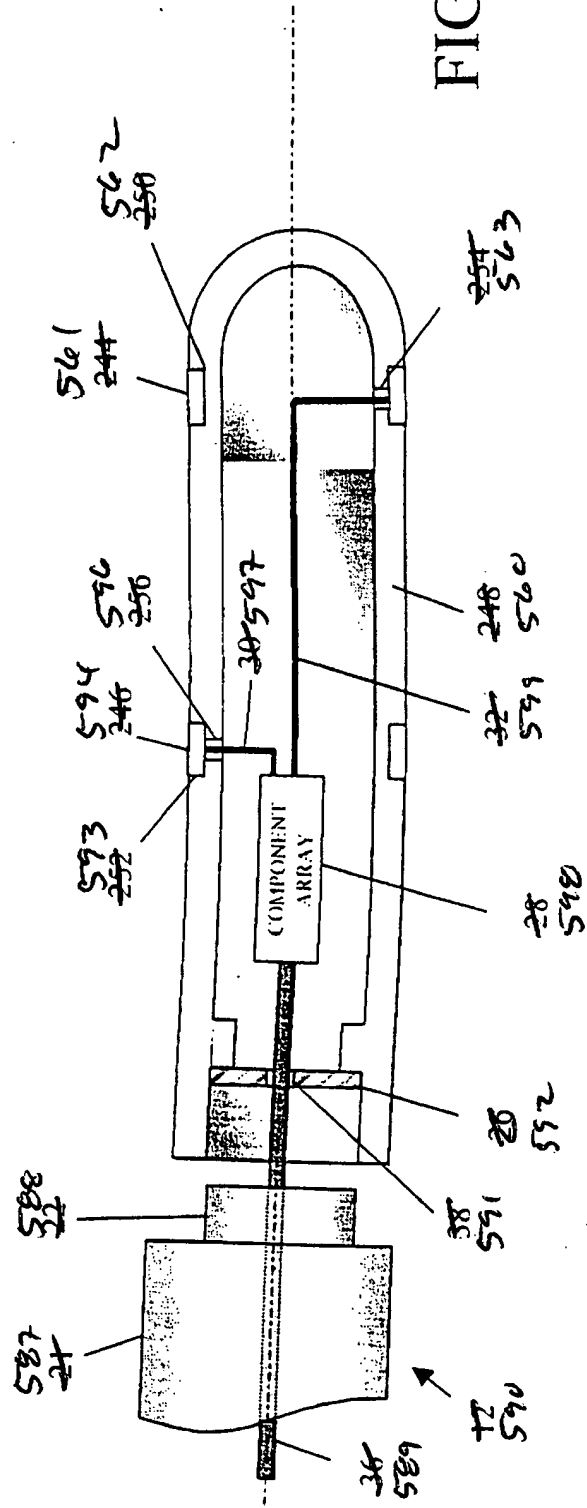
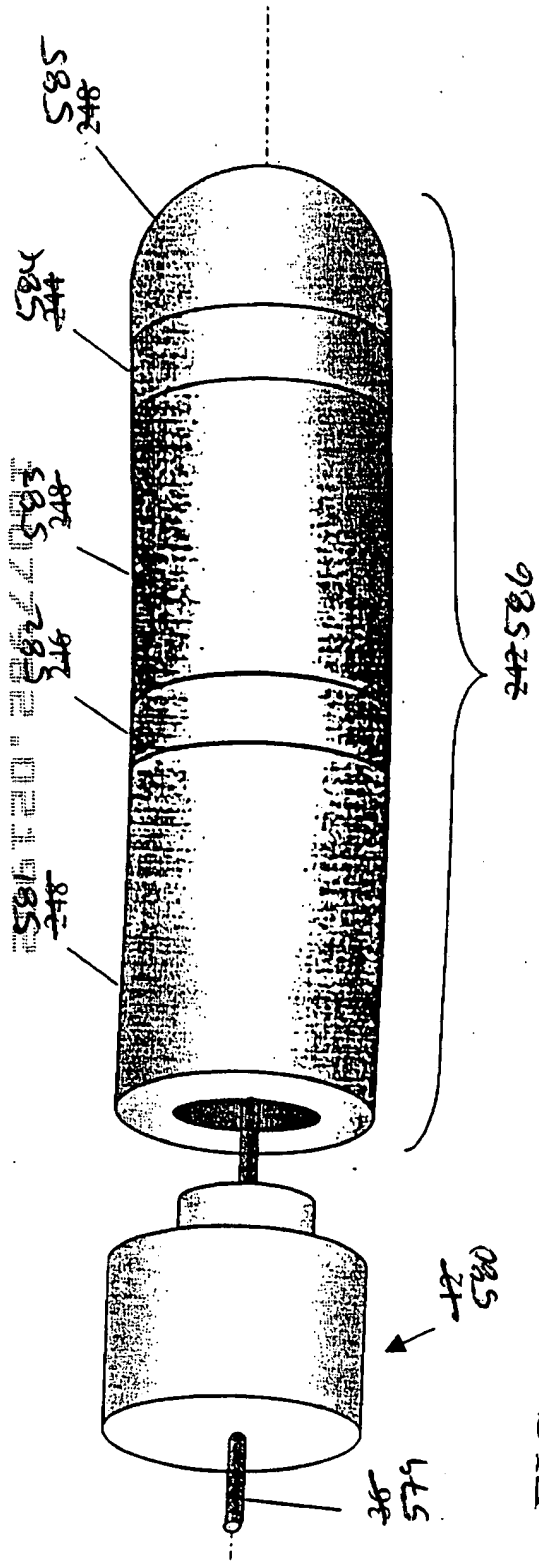


FIG. 58



2025

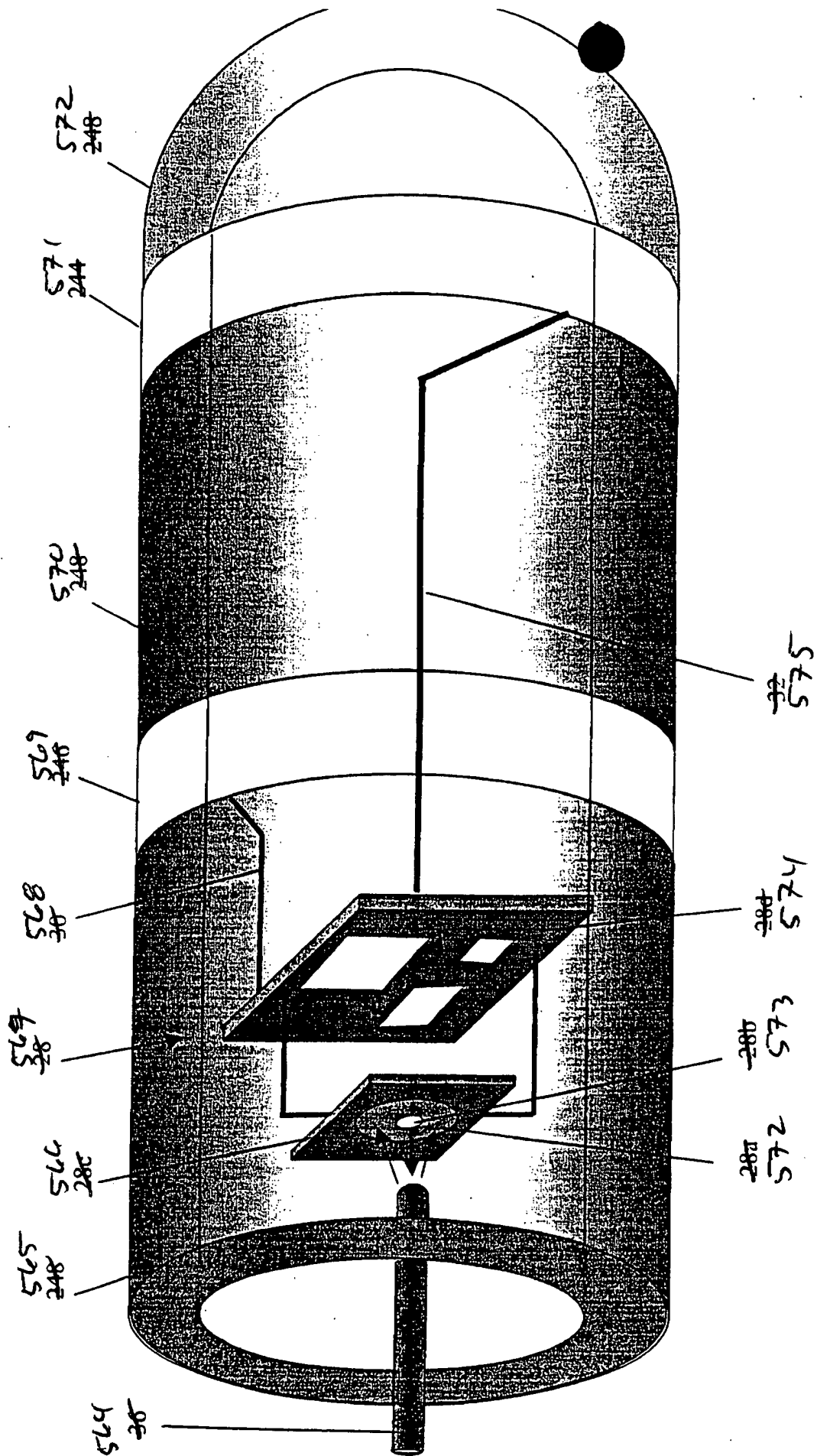


FIG. 261

2016T29" 2867200T
1030

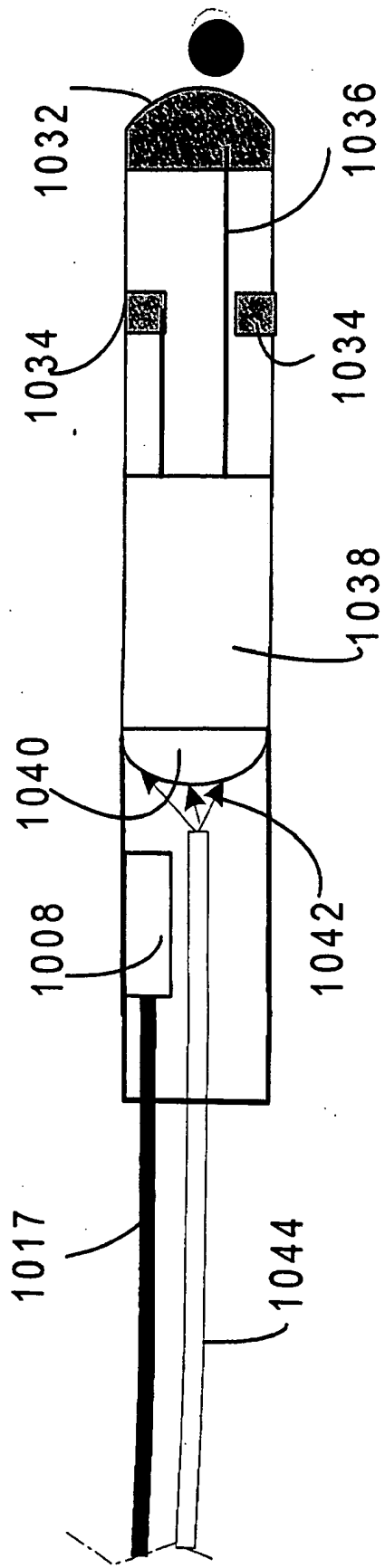


Fig. 10a62

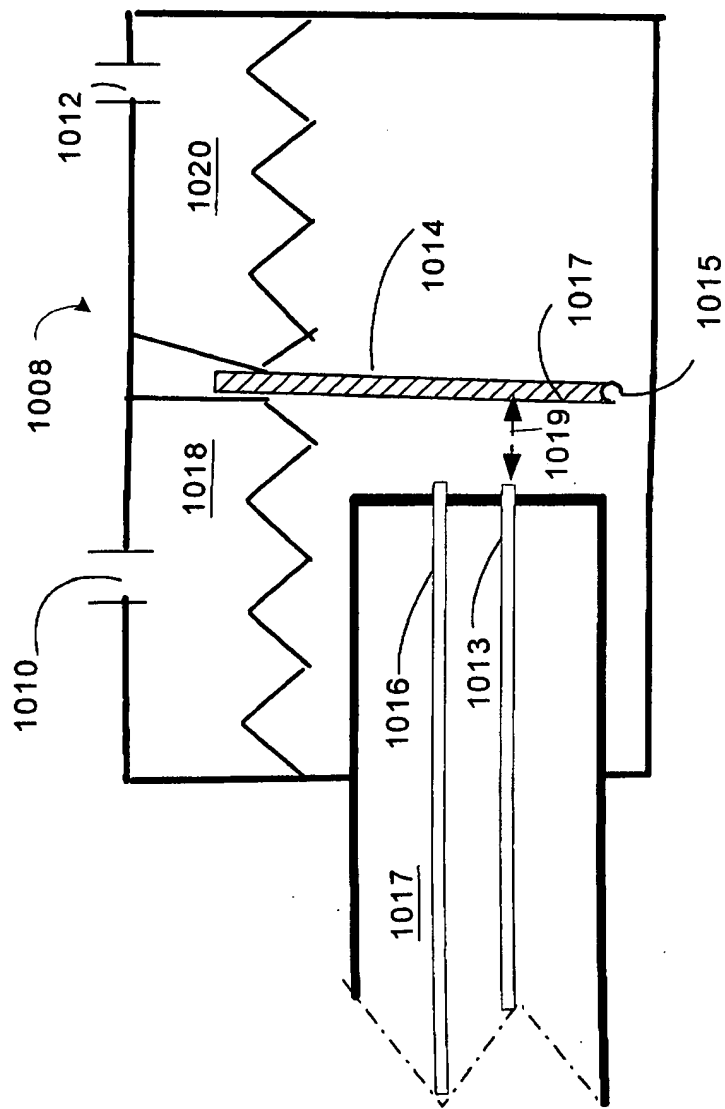


Fig. ~~10b~~ 63

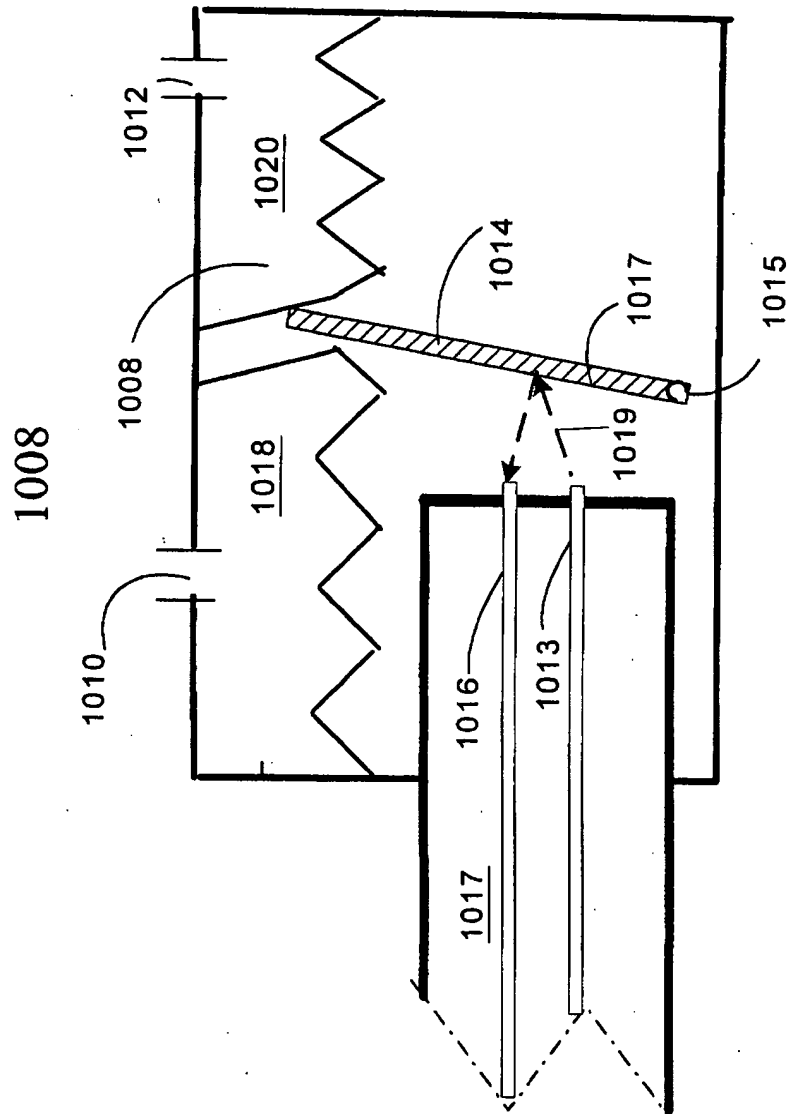
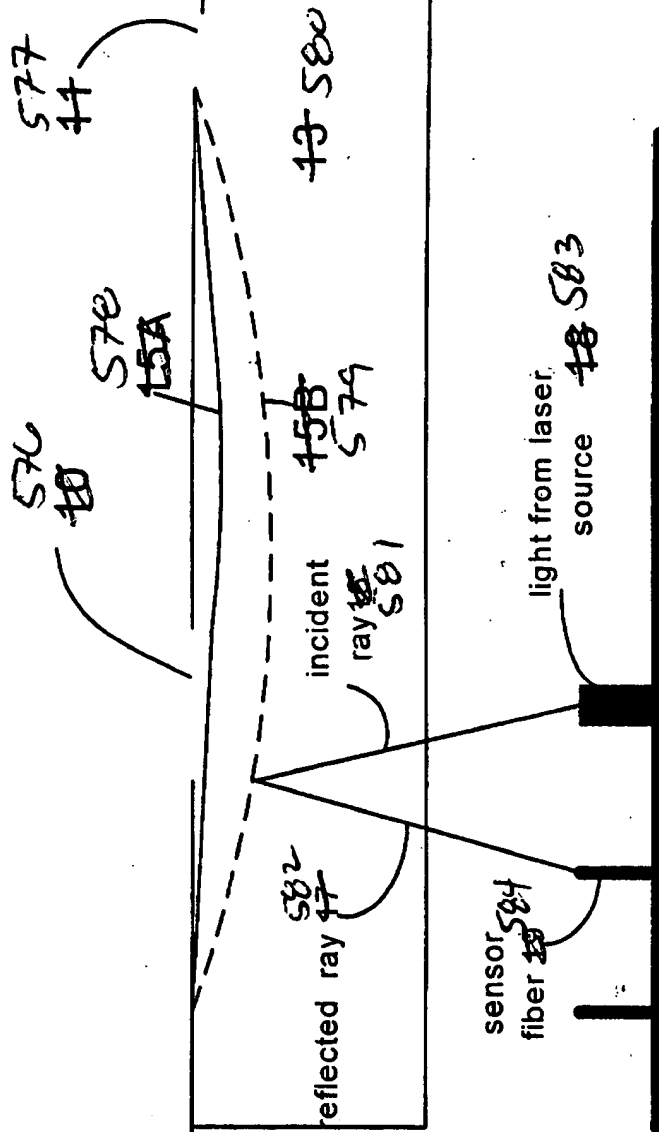


Fig. 10e 64

Figure 65



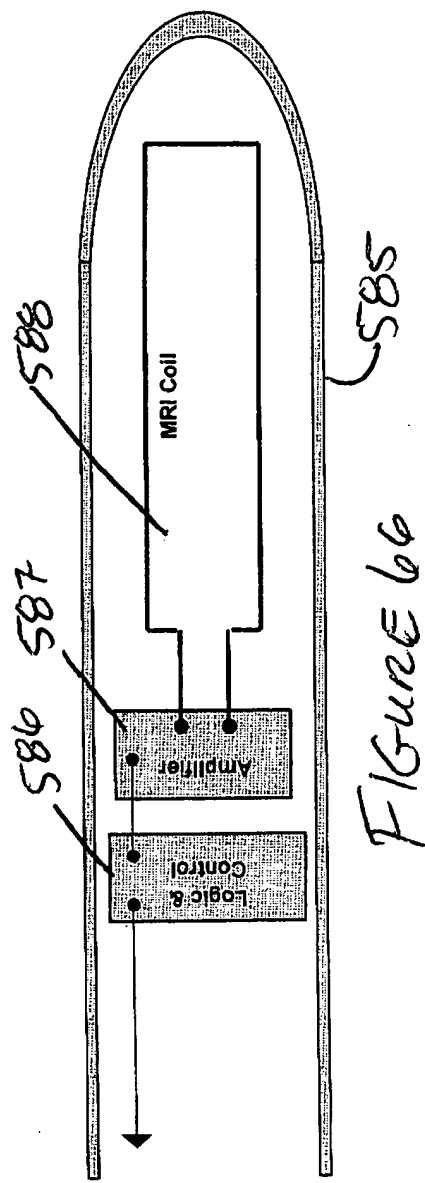


FIGURE 66

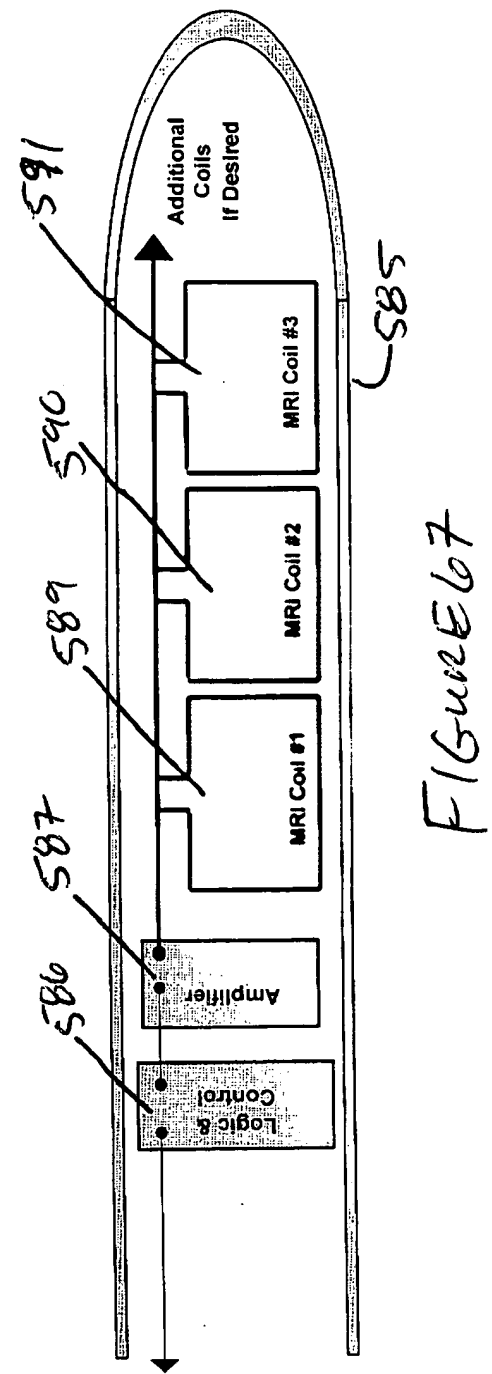


FIGURE 67

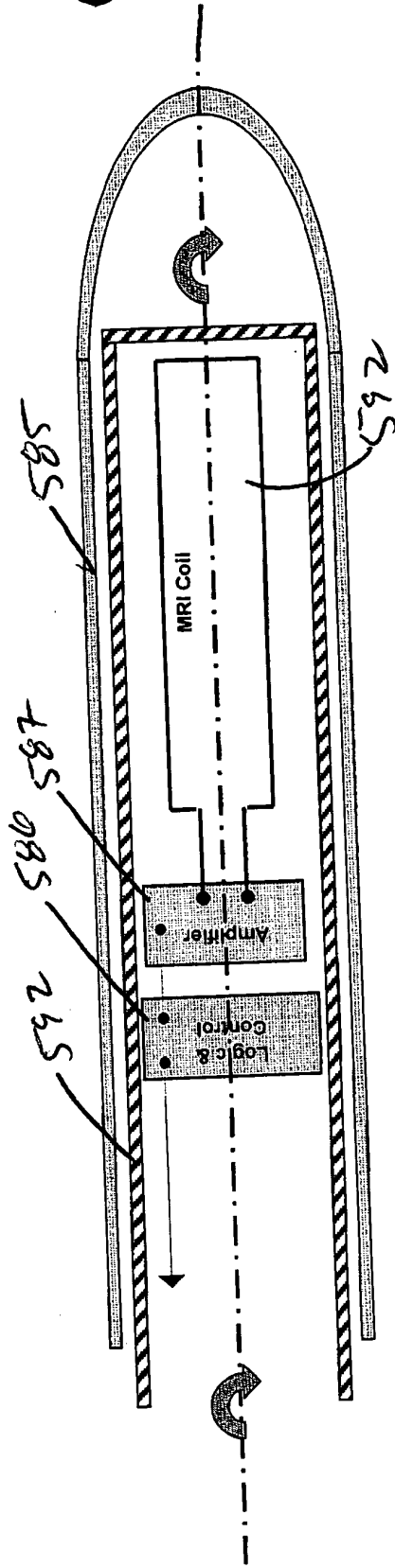


FIGURE 68

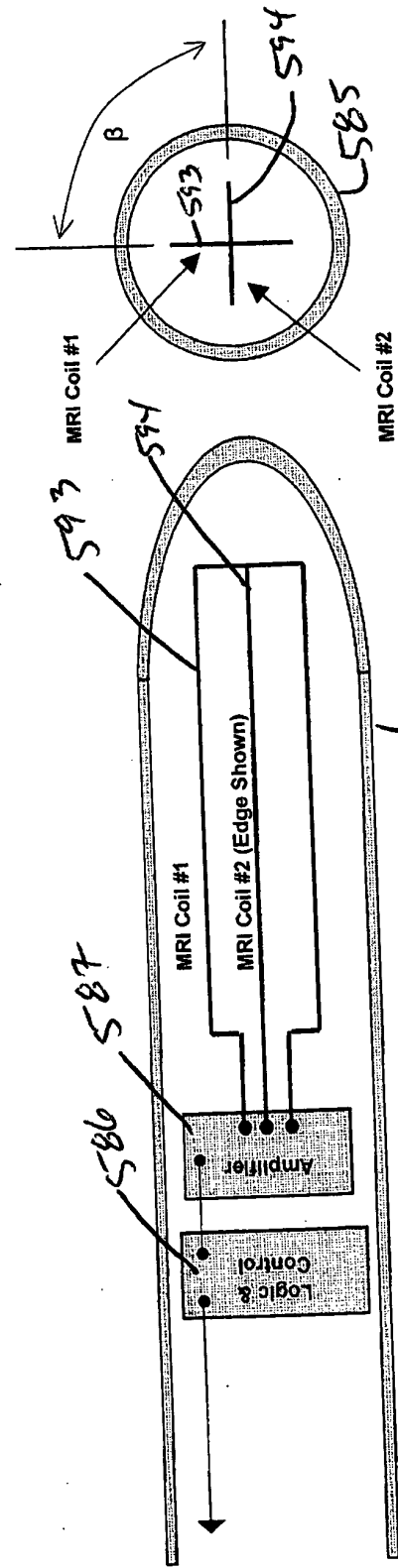


FIGURE 69

Figure 70

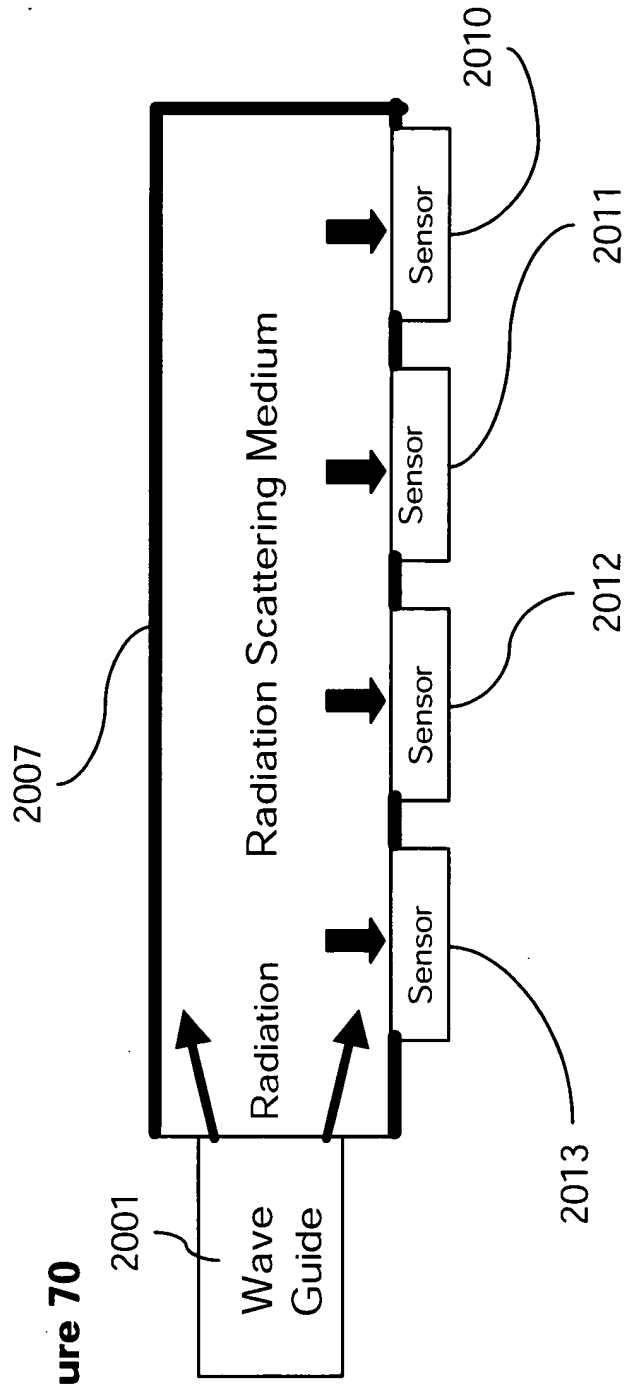


Figure 71

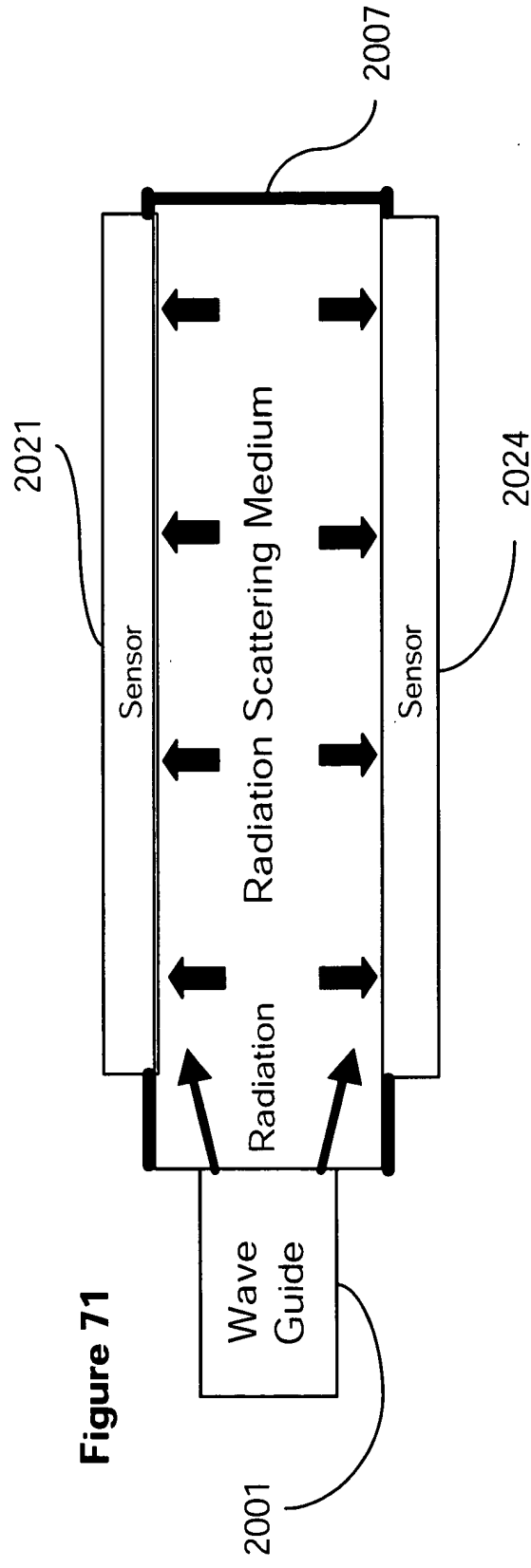


Figure 72

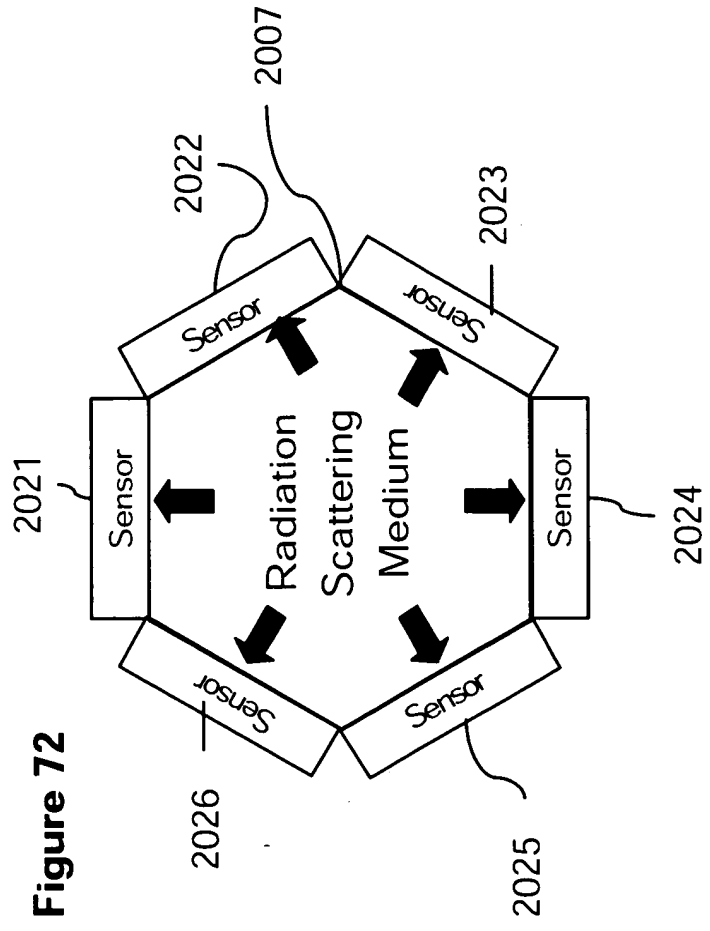


Figure 73

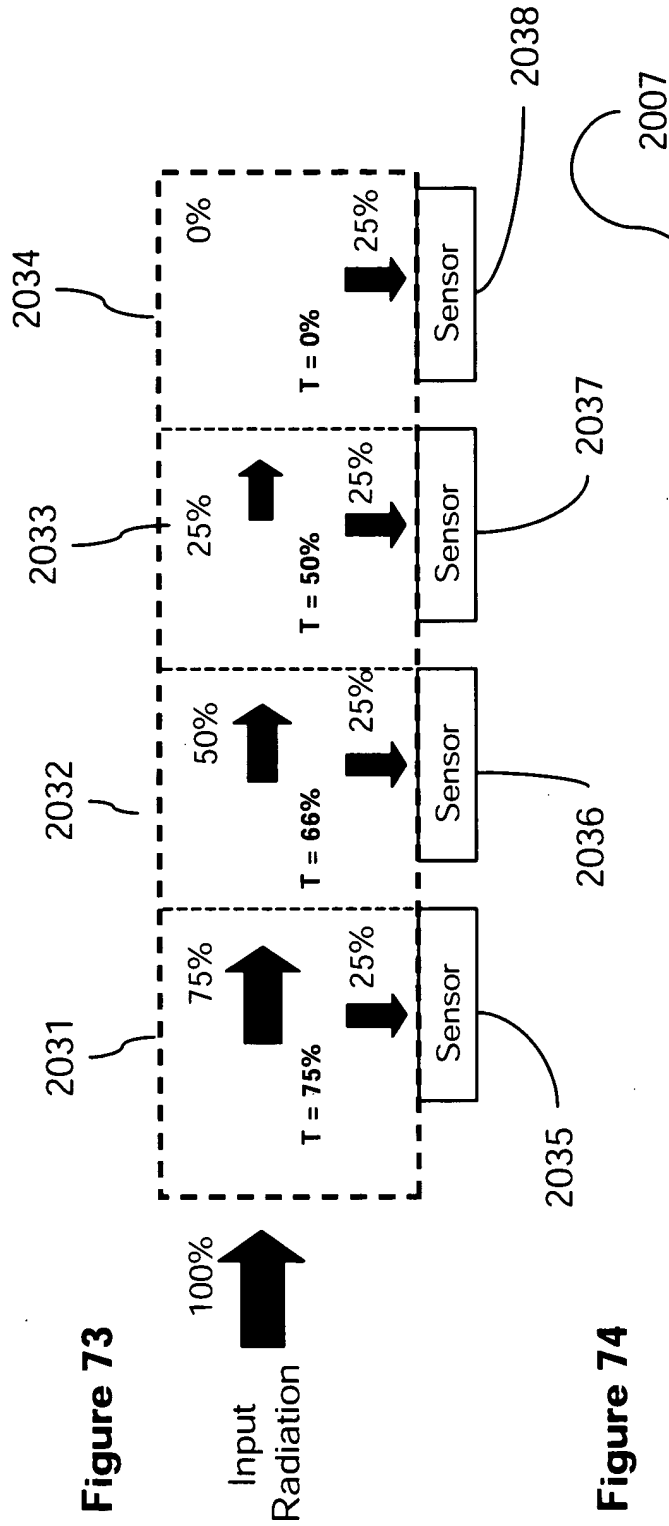
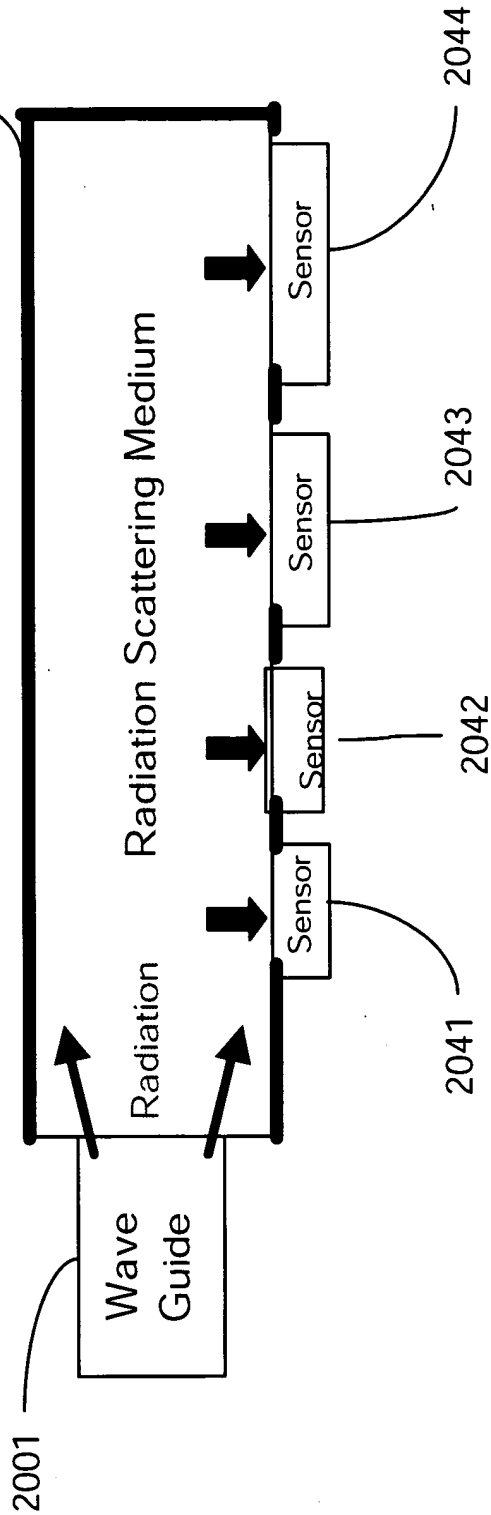


Figure 74



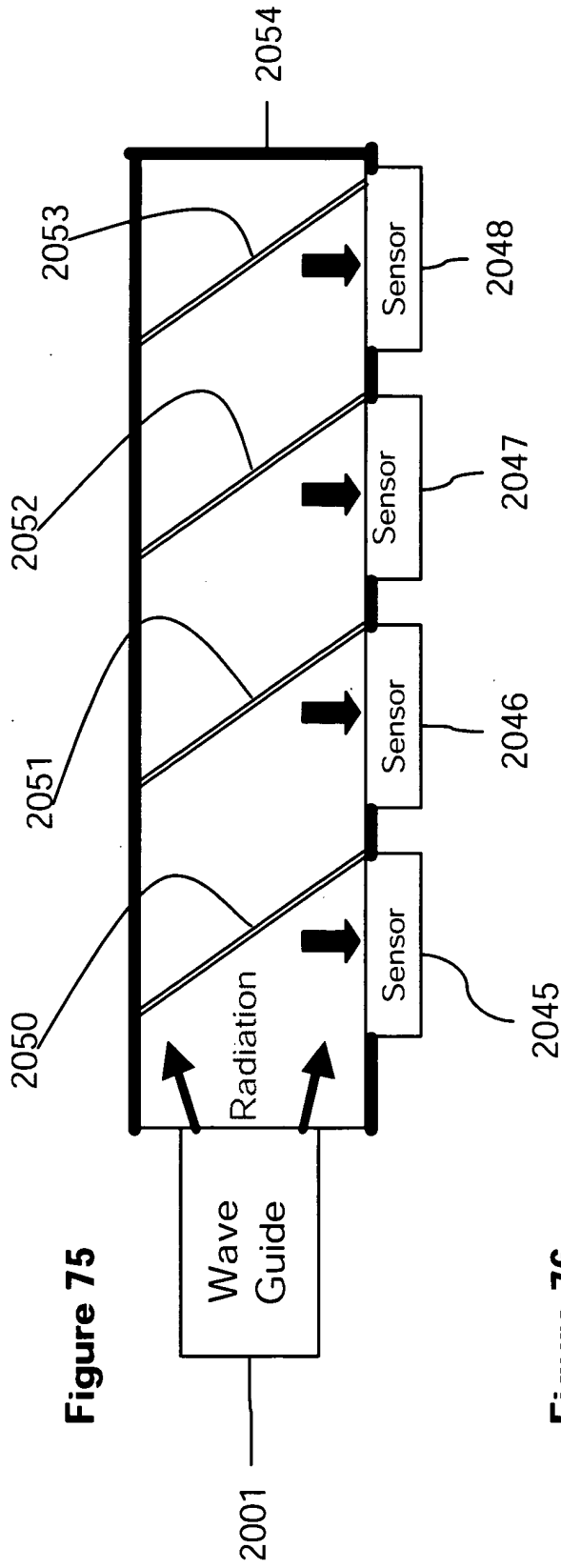


Figure 76

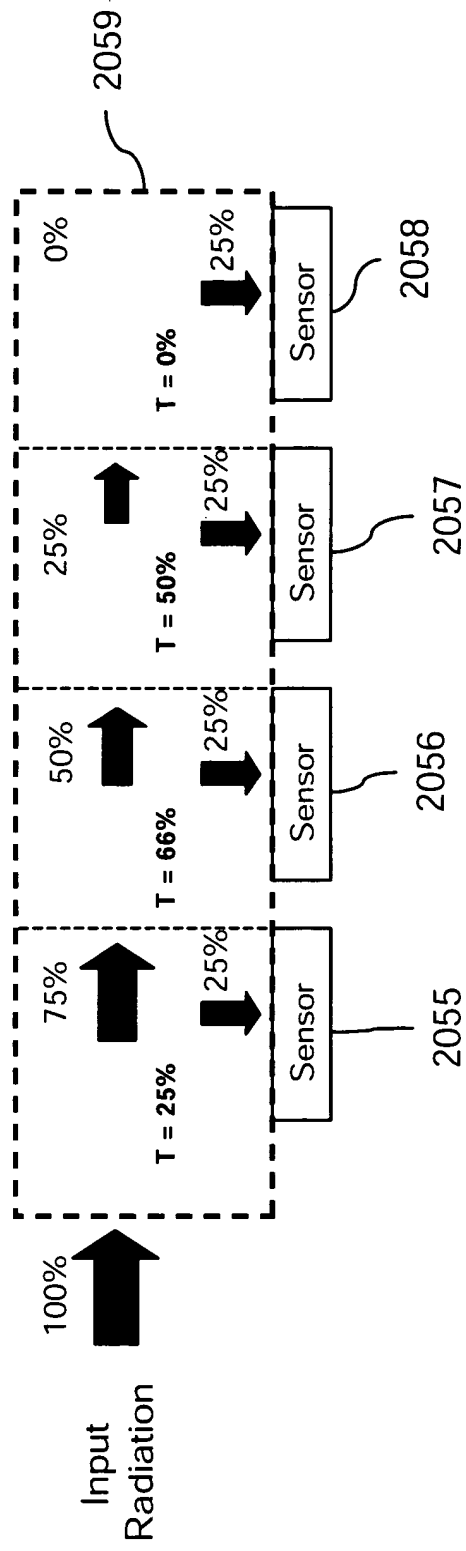


Figure 77

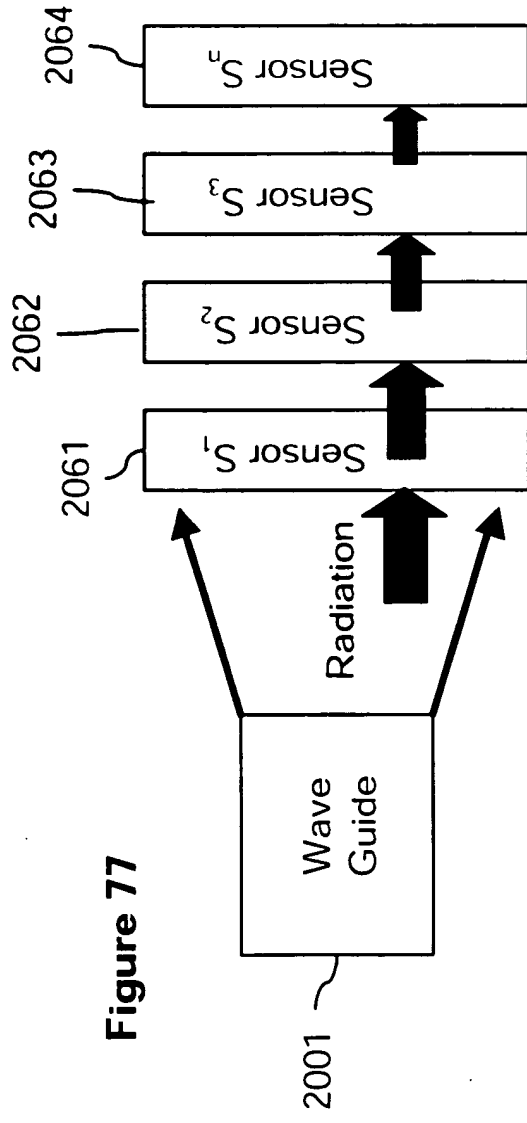


Figure 78

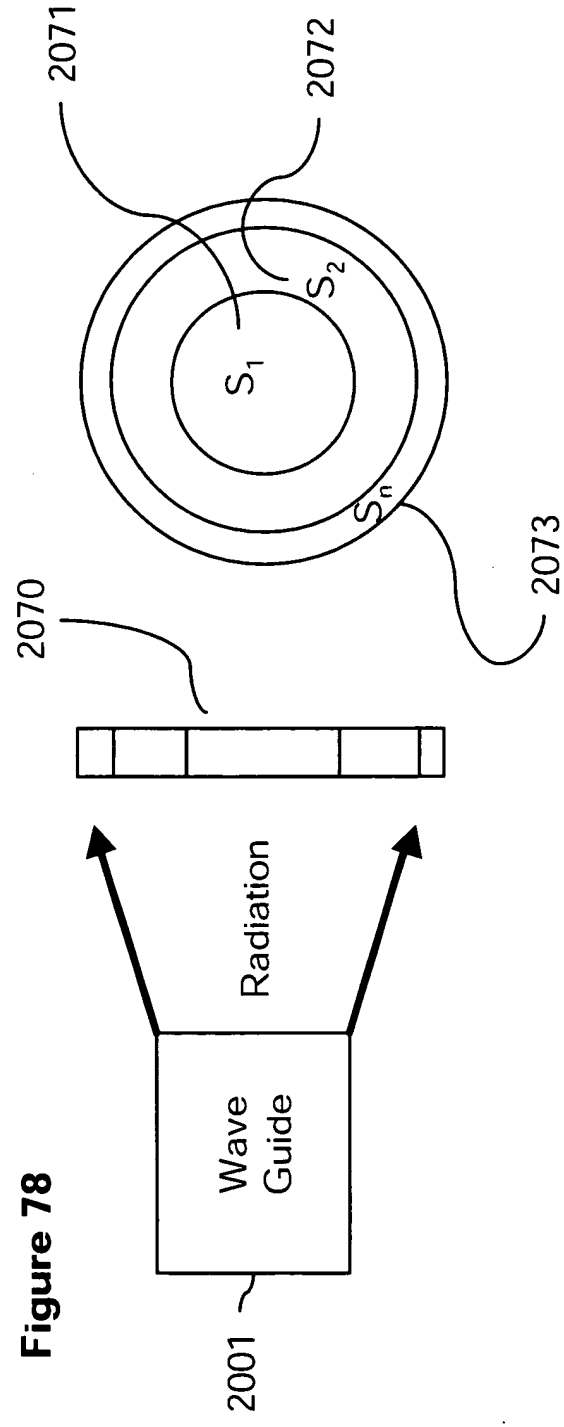
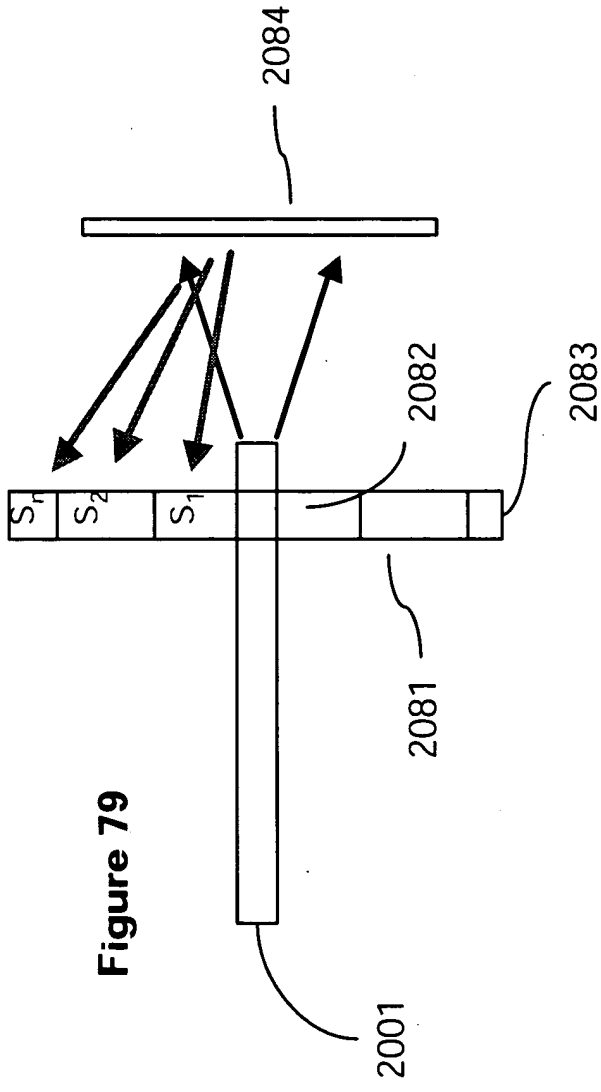


Figure 79



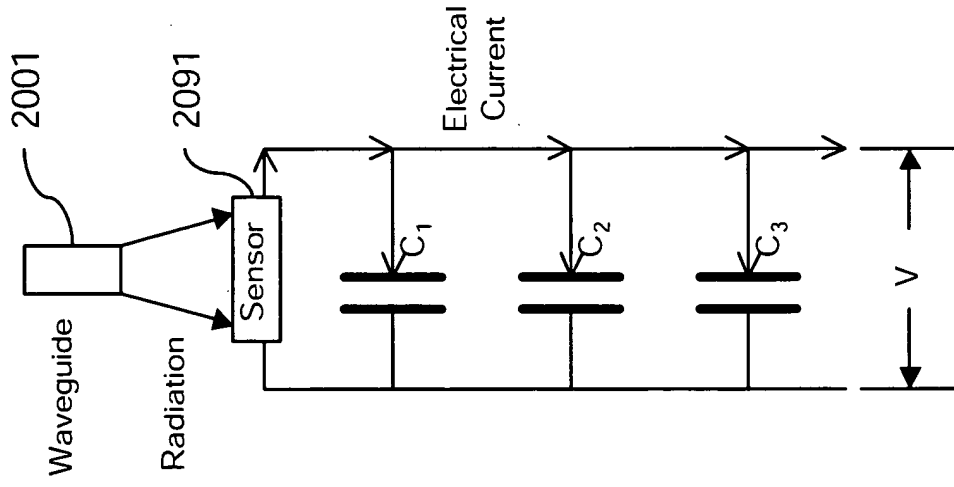


Figure 80

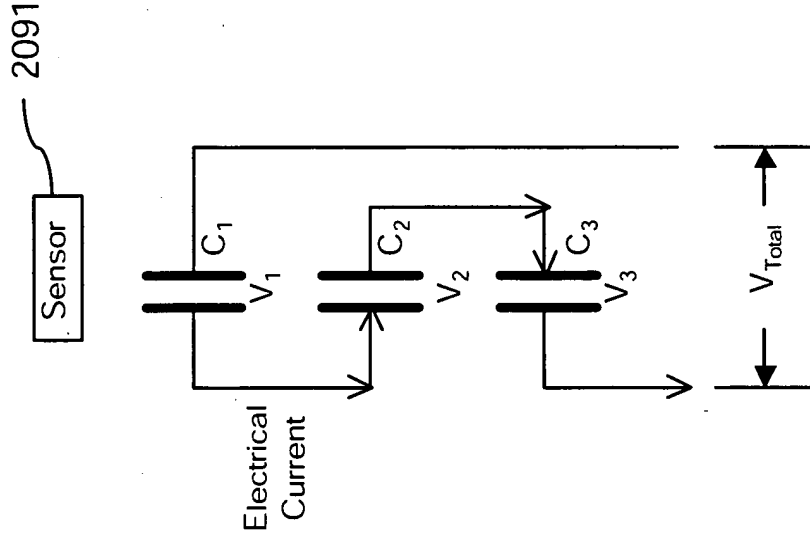


Figure 81

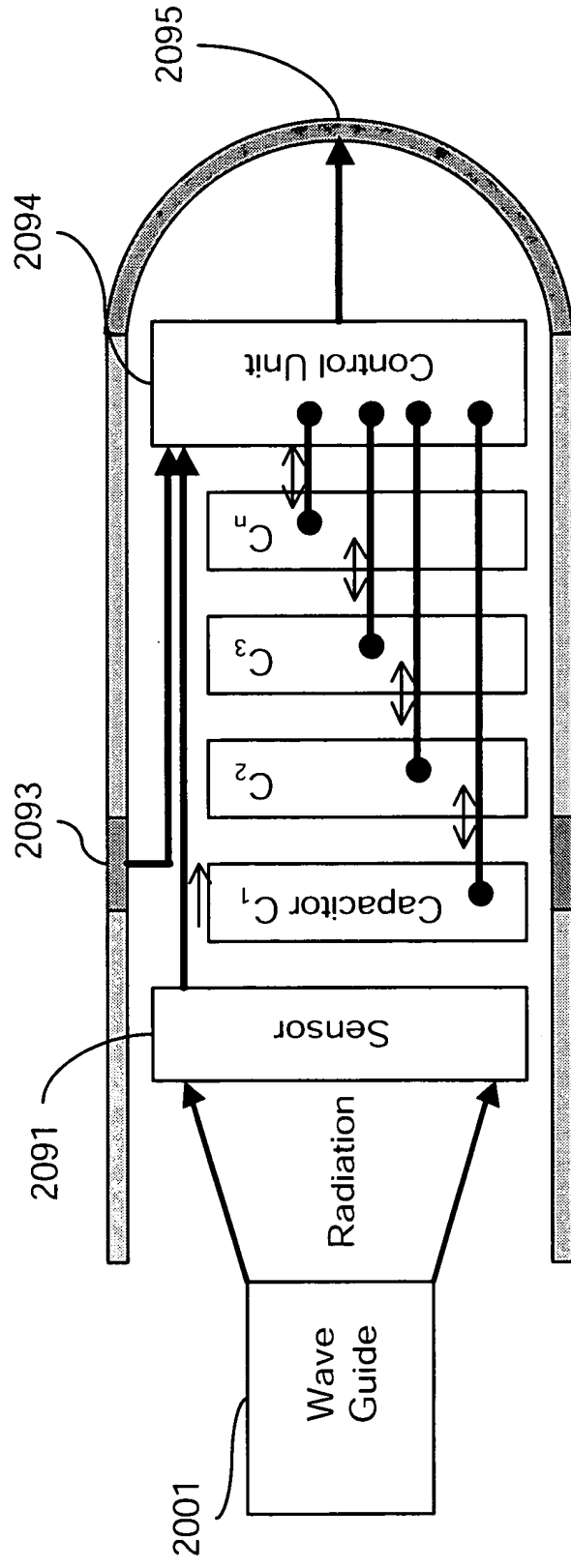


Figure 82

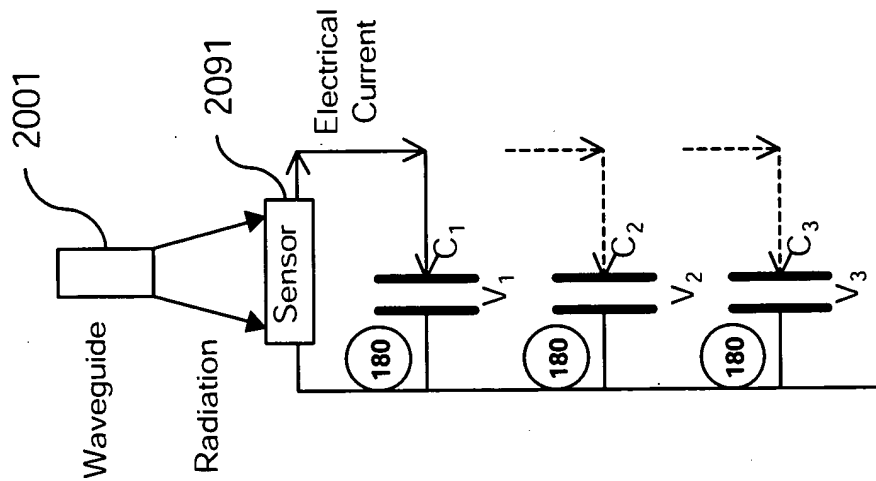


Figure 83

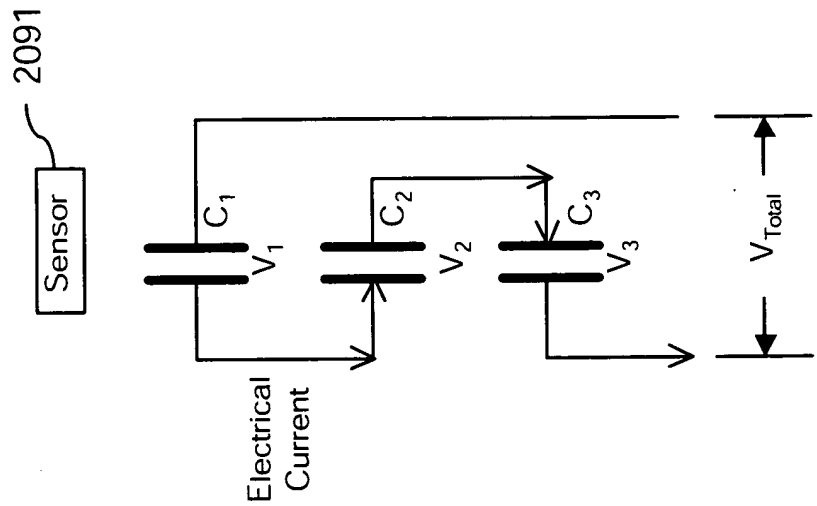


Figure 84

